

ESTTA Tracking number: **ESTTA285533**

Filing date: **05/22/2009**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

Petition for Cancellation

Notice is hereby given that the following parties request to cancel indicated registration.

Petitioner Information

Name	Koch Membrane Systems GmbH		
Entity	Company	Citizenship	Germany
Address	Kackerstrasse 10 Aachen, 52072 GERMANY		

Name	Koch Membrane Systems, Inc.		
Entity	Corporation	Citizenship	Delaware
Address	850 Main Street Wilmington, MA 01887 UNITED STATES		

Attorney information	Constance M. Jordan Stinson Morrison Hecker LLP 1201 Walnut, Suite 2900 Kansas City, MO 64106-2150 UNITED STATES Trademark@Stinson.com Phone:816-842-8600		
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Registration Subject to Cancellation

Registration No	3473558	Registration date	07/22/2008
Registrant	Puronics, Incorporated 5775 Las Positas Road Livermore, CA 94551 UNITED STATES		

Goods/Services Subject to Cancellation


Class 011. First Use: 2006/05/31 First Use In Commerce: 2006/05/31 All goods and services in the class are cancelled, namely: Water conditioning units; water purifiers; water softening units; water sterilizing units; water filtering units for domestic use; water filtering units for commercial use; water filtering units for industrial use; water treatment equipment, namely, acid neutralizing units, faucets, faucets which meter the flow of water, membrane filtration units, reverse osmosis units, ion exchange units; Air filtration units
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Grounds for Cancellation

Priority and likelihood of confusion	Trademark Act section 2(d)
Other	(Alternative) Lanham Act Section 18 Restriction

Related Proceedings	Petition for Cancellation against Reg. No. 3,383,438, PURONICS, concurrently filed
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Mark Cited by Petitioner as Basis for Cancellation

U.S. Application No.	79035999	Application Date	08/22/2006
Registration Date	NONE	Foreign Priority Date	NONE
Word Mark	PURON		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 011. First use: Hollow fiber filtration membranes and membrane modules for use in filtration of wastewater and membrane bioreactor (MBR) applications Class 042. First use: Scientific and industrial research services in the field of filtration of wastewater		
Attachments	79035999#TMSN.jpeg (1 page)(bytes) Petition for cancellation PURONICS (Stylized).pdf (26 pages)(577940 bytes)		

Certificate of Service

The undersigned hereby certifies that a copy of this paper has been served upon all parties, at their address record by First Class Mail on this date.

Signature	/constance m. jordan/
Name	Constance M. Jordan
Date	05/22/2009

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD**

In the Matter of Registration No. 3,473,558)	
)	
Mark: PURONICS (Stylized))	
)	
Date Registered: July 22, 2008)	
)	
KOCH MEMBRANE SYSTEMS GMBH and)	
KOCH MEMBRANE SYSTEMS, INC.,)	
)	Cancellation No.: _____
Petitioners,)	
)	
v.)	
)	
PURONICS, INCORPORATED,)	
)	
Respondent.)	

**PETITION FOR CANCELLATION OR
RESTRICTION OF DESCRIPTION OF GOODS**

Pursuant to 15 U.S.C. 1064, Lanham Act Section 14, and 15 U.S.C. 1068, Lanham Act Section 18, Petitioners Koch Membrane Systems GmbH ("GmbH") and Koch Membrane Systems, Inc. ("KMS") believe that they are and will continue to be damaged by the above-identified registration, and hereby petition to cancel same or to restrict or modify the existing description of goods. As grounds therefor, it is alleged that:

1. Petitioner Koch Membrane Systems GmbH is a German company having a place of business at Kackerstrasse 10, 52072 Aachen, Federal Republic of Germany.
2. Petitioner Koch Membrane Systems, Inc. is a Delaware corporation with its principal place of business at 850 Main Street, Wilmington, Massachusetts 01887, and has been a global leader in separation and filtration products for more than 40 years.
3. GmbH and KMS are both member companies of Koch Chemical Technology Group, LLC, a Delaware limited liability company.

4. On information and belief, Respondent Puronics, Incorporated (Puronics) is a California corporation, with a principal place of business at 5775 Las Positas Road, Livermore, California 94551.

5. On July 22, 2008, Puronics was granted United States Trademark Registration No. 3,473,558 by the United States Patent and Trademark Office for the mark PURONICS (Stylized) for water conditioning units; water purifiers; water softening units; water sterilizing units; water filtering units for domestic use; water filtering units for commercial use; water filtering units for industrial use; water treatment equipment, namely, acid neutralizing units, faucets, faucets which meter the flow of water, membrane filtration units, reverse osmosis units, ion exchange units; air filtration units in International Class 11. This registration is the “child” of divided application Serial No. 77/105,631, filed February 12, 2007, which remains pending for goods of “soaps and detergents” in Class 3.

6. The Registrant claims a date of first use of May 31, 2006, for goods in Class 11, but Petitioners believe this date applies only to the air filtration units. Petitioners are unable to determine from the record what date of use is claimed for the remaining goods in Class 11.

7. Petitioner GmbH is the owner of the mark PURON and Petitioner KMS is a licensed user of such mark.

8. GmbH is the applicant and owner of pending application Serial No. 79/035,999, filed August 22, 2006, to register the mark PURON for “hollow fiber filtration membranes and membrane modules for use in filtration of wastewater and membrane bioreactor (MBR) applications” in International Class 11; and “scientific and industrial research services in the field of filtration of wastewater,” in International Class 42. (The Examining Attorney has suggested that Petitioner GmbH’s description of goods be changed to “hollow fiber filtration

membranes, membrane bioreactors, and membrane modules for use in filtration of wastewater,” but Petitioner has not yet accepted that amendment.) Copies of documents from pending application Serial No. 79/035,999 are attached.

9. Petitioner GmbH’s pending application Serial No. 79/035,999 is an extension of International Registration No. 0781436 dated February 18, 2002, which is in turn based on German Reg. No. 30150081 dated November 16, 2001. No use date of the PURON mark on the products in the United States has been claimed, but Petitioners have analogous use in the United States dating back to at least as early as March 17, 2005, as shown by the attached copies of press releases from archives at Petitioner KMS’s website at www.kochmembrane.com. The news releases are identified as follows:

Puron AG Becomes Koch Membrane Systems GmbH, March 17, 2005

Koch Membrane Systems Releases “PURON™ MBR: *The Solution is Here!*” on DVD, April 7, 2006

KMS Receives California Title 22 Approval for PURON™ Submerged Membranes, May 18, 2006

Membrane Bioreactor Plant Completes Three Successful Years of Operation, September 20, 2006

Koch Membrane Systems Couples PURON™ Submerged Membrane Modules with Aqua-Aerobic Systems’ Biological Processes, February 27, 2007

Belgium Environmental Company Waterleau Selects Submerged PURON® Membranes for Three MBR Projects, October 29, 2007

Koch Membrane Systems Announces New PURON™ Module Brochure, November 20, 2007

Koch Membrane Systems Selected to Provide Membranes for State-of-the-Art Water Recycling Facility in Santa Paula, Calif., October 15, 2008

10. Registration of Petitioner GmbH’s I.R. extension to the U.S. has been refused under Trademark Act Section 2(d) on grounds of likelihood of confusion with the PURONICS mark of Serial No. 78/743,307 (child application now registered as Reg. No. 3,383,438).

11. Reg. No. 3,473,558 has **not** been cited as a bar to registration of Petitioner's mark because it was filed after Petitioner's application Serial No. 79/035,999. Nevertheless, as it claims goods and a minimally stylized mark essentially identical to those of Reg. No. 3,383,438, it should be included in the Board's determination of priority and likelihood of confusion.

12. Petitioner have invested substantial time, money and effort in promoting, advertising and familiarizing others with their products, and enjoy substantial and exclusive goodwill and a worldwide reputation in connection with their PURON mark. Petitioners' continued and legal use of their mark will be impaired by the continued registration of Respondent's PURONICS (Stylized) mark.

13. By reason of Petitioners' continuous use of their mark since a date prior to the actual first use or constructive use date of the Stylized PURONICS mark in connection with allegedly related goods by Respondent Puronics, Petitioners are entitled to the sole and exclusive use of their mark on and in connection with their hollow fiber filtration membranes and membrane modules for use in filtration of wastewater and membrane bioreactor (MBR) applications, and in connection with any confusingly similar marks for allegedly related goods.

14. If Registrant is permitted to retain the registration sought to be cancelled and, thereby, the prima facie exclusive right to use in commerce the mark PURONICS (Stylized) or similar marks for goods deemed to be identical or substantially similar to those of Petitioners, potential customers are likely to be confused, deceived or mistaken as a result of the concurrent use of Petitioners' mark with Registrant's mark, all to the great detriment of Petitioners, who have expended considerable sums and effort in promoting their goods and services under their PURON mark, and in developing recognition of their mark as an indicator of source of their

goods and services. Petitioners are therefore entitled to sole and exclusive use of PURON or allegedly confusingly similar marks in connection with such goods and services.

15. Concurrent use of the PURONICS (Stylized) mark by the Registrant and the PURON mark by Petitioners may result in irreparable damage to Petitioners' reputation and goodwill, if the goods sold by the Registrant are inferior, since purchasers are likely to attribute the source of Registrant's goods to the Petitioners.

16. If the Registrant is permitted to retain the registration sought to be cancelled, Petitioner may not be able to register their PURON mark for allegedly related goods, and a cloud will be placed on Petitioners' mark, and on Petitioners' right to enjoy the free and exclusive use thereof in connection with the sale of their goods, all to the great injury of Petitioners.

17. Alternatively, if Registrant's mark is not cancelled in connection with Class 11, the description of the Registrant's goods in that class should be restricted to exclude industrial and municipal wastewater treatment, as such restriction should serve to avoid a likelihood of confusion. *See Eurostar Inc. v. "Euro-Star" Reitmoden GmbH & Co. KG*, 34 U.S.P.Q.2d 1266 (TTAB 1994). Petitioners suggest the following description: "water conditioning units; water purifiers **for residential and commercial use, and excluding wastewater filtration and membrane bioreactor applications**; water softening units; water sterilizing units; water filtering units for domestic use; water filtering units for commercial use **excluding wastewater filtration and membrane bioreactor applications**; water filtering units for industrial use, **excluding wastewater filtration and membrane bioreactor applications**; water treatment equipment, namely, acid neutralizing units, faucets, faucets which meter the flow of water, membrane filtration units, reverse osmosis units, ion exchange units, **all for residential and**

commercial use, and excluding filtration of wastewater and membrane bioreactor applications in industrial and municipal wastewater treatment; air filtration units.”

WHEREFORE, Petitioners pray that the Trademark Trial and Appeal Board order cancellation of United States Trademark Registration No. 3,473,558 or, alternatively, order that the description of goods be restricted or modified to avoid any perceived likelihood of confusion with Petitioners’ PURON mark, and for such other relief as the Board deems just and proper.

Copies of this Petition have been mailed to Respondent and to the attorney for Respondent at their respective addresses of record.

Dated this 22nd day of May, 2009.

Respectfully submitted,

By: Constance M. Jordan

Constance M. Jordan
STINSON MORRISON HECKER LLP
1201 Walnut St Ste 2900
Kansas City, MO 64141-6251
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ATTORNEYS FOR PETITIONERS

CERTIFICATE OF SERVICE

The undersigned hereby certifies that the foregoing Petition for Cancellation or Restriction of Description of Goods was served this 22nd day of May, 2009, by depositing copies thereof in the U.S. mail, postage prepaid, addressed to the following:

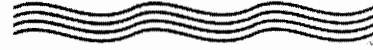
Registrant/Respondent:
Puronic, Inc.
5775 Las Positas Road
Livermore, California 94551,

and

Attorney for Registrant/Respondent:
Thomas P. Murphy
Berliner Cohen
10 Almaden Boulevard
Suite 1100
San Jose, California 95113-2233.



Attorney for Petitioners



FOR IMMEDIATE RELEASE

CONTACT: Juliana Allen

Gray & Rice Public Relations
617-367-0100, ext. 114
jallen@gr2000.com

PURON AG BECOMES KOCH MEMBRANE SYSTEMS GMBH

Wilmington, MA – Effective February 23, 2005, Puron AG, the company that developed and markets unique submerged hollow fiber modules for water and wastewater treatment, became Koch Membrane Systems GmbH. The name ‘PURON[®]’ will be retained as a product brand name and Koch Membrane Systems GmbH will continue to be based in Aachen, Germany.

Koch Membrane Systems LLC acquired Puron AG in November of 2004 and it is the intention of the Koch Membrane Systems family of companies (KMS) to integrate PURON[®] technologies with their existing membrane business. The acquisition enables KMS to extend its already comprehensive range of spiral, hollow fiber and tubular products to include submerged membranes. The unique PURON[®] products complement the existing membranes for water and wastewater treatment that are currently marketed by KMS.

Nick Powell, Ian Elson, and Michael Tylla from KMS will join the existing managing board to implement the KMS strategy and position PURON[®] membrane technologies in the worldwide market of submerged membrane filters.

About Koch Membrane Systems, Inc.

For over 30 years, Koch Membrane Systems, Inc. has been a global leader in the development, manufacturing, distribution, and service of state-of-the-art membranes and systems for large-scale uses in a broad range of industries. KMS membrane filtration and separation products are installed in more than 15,000 systems around the world, serving the food processing, life sciences, general manufacturing, water purification and wastewater treatment needs of various industries and municipalities. Standard industrial uses of KMS innovative products include whey processing, juice clarification, paint and pigment recovery, potable and bottled water filtration, ultrapure water production, enzyme concentration, pulp and paper treatment and oil/water separation processes.

(MORE)

Headquartered in Wilmington, Massachusetts, Koch Membrane Systems, Inc. is a member of Koch Chemical Technology Group, LLC. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com, call 888-677-5624 or write to info@kochmembrane.com.

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PURON® is a registered trademark of Koch Membrane Systems GmbH.



FOR IMMEDIATE RELEASE

CONTACT: Jessica Pieciul
Gray & Rice Public Relations
617-367-0100, ext. 168
jpieciul@gr2000.com

**Koch Membrane Systems Releases “PURON™ MBR:
The Solution is Here!” on DVD**

New Video Illustrates the Revolutionary New Membrane Bioreactor Module Design

Wilmington, Mass. – Koch Membrane Systems, Inc. (KMS), a world-class developer and manufacturer of innovative membranes and filtration systems, has released a DVD illustrating the advantages of the PURON™ submerged membrane modules for treatment of municipal and industrial wastewater. The 15-minute DVD clearly explains how the innovative new design of the modules, intended for use in a membrane bioreactor (MBR), significantly improves effluent quality, while utilizing far less space than conventional alternatives.

The video shows how the PURON technology combines biological treatment and solids/liquids separation into a single process by submerging the membrane filtration modules directly into the activated sludge, thus avoiding the need for clarification. The PURON submerged membrane modules also treat more concentrated activated sludge, thereby reducing the size requirements for biological tanks, saving space and money.

The hollow fiber membranes of the PURON module act as a physical barrier to bacteria and suspended solids, producing low turbidity effluent with very low bacteria counts. The PURON membrane module uses a single header design that allows the upper ends of the hollow fiber membranes to move freely with a seaweed-like action, which is graphically illustrated in the DVD. This virtually eliminates clogging of the membranes with hair and fibrous materials. Additionally, the PURON MBR modules introduce air in the center of each hollow fiber bundle to reduce sludging. The combination of rising air bubbles and free movement of the membrane fibers minimizes the accumulation of sludge around the membranes, producing stable fluxes and reduced energy consumption.

To see the DVD call KMS at 888-677-5624 or send an e-mail to info@kochmembrane.com.

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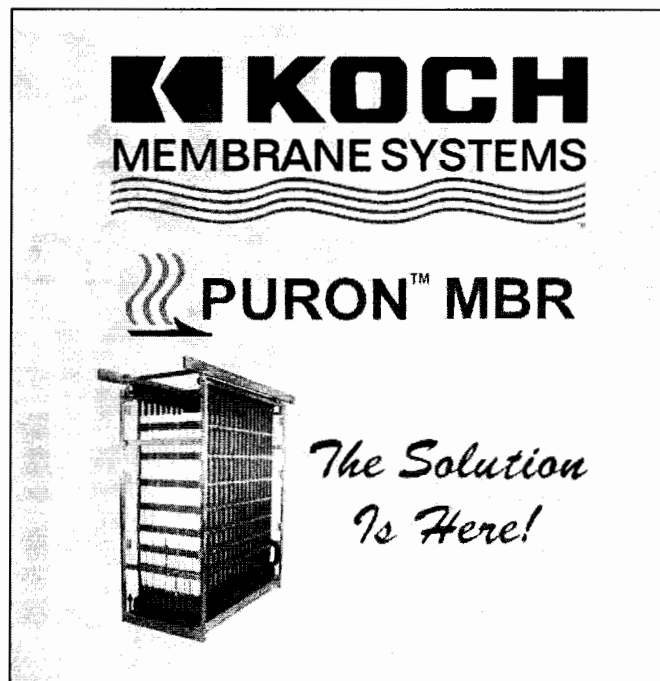
About Koch Membrane Systems

Koch Membrane Systems, Inc. has been a global leader in separation and filtration products for more than 30 years. A designer and manufacturer of state-of-the-art membrane cartridges and elements, as well as complete membrane systems, KMS products are specified for the most demanding applications. To enhance membrane performance, KMS offers a line of antiscalants and cleaning chemicals, and provides a wide range of maintenance and technical service programs. The company has supplied membranes for more than 15,000 systems installed around the world, serving the food processing, life sciences, and general manufacturing industries, as well as providing potable water and wastewater treatment technologies for communities of all sizes.

Headquartered in Wilmington, Massachusetts, Koch Membrane Systems is a Koch Chemical Technology Group, LLC company. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com.

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PURON™ is a trademark of Koch Membrane Systems GmbH and is registered in China and the CTM.



**FOR IMMEDIATE RELEASE****CONTACT:** Jessica Pieciul
Gray & Rice Public Relations
617-367-0100, ext. 168
jpieciul@gr2000.com**KOCH MEMBRANE SYSTEMS RECEIVES CALIFORNIA TITLE 22 APPROVAL
FOR PURON™ SUBMERGED MEMBRANES***Membrane Bioreactors (MBR) Comply with California Water Recycling Criteria*

WILMINGTON, Mass. – Koch Membrane Systems, Inc. (KMS), a world-class developer and manufacturer of innovative membranes and membrane filtration systems, has earned State of California Water Recycling Criteria compliance certification for its PURON™ submerged membrane modules for membrane bioreactor (MBR) treatment of municipal and industrial wastewater. The use of advanced MBR technology in municipal wastewater treatment plants improves effluent quality and requires significantly less space than conventional methods.

The California Department of Health Services certified Title 22 compliance of the PURON membranes based on a report prepared by Montgomery Watson Harza that analyzed a PURON MBR pilot study conducted in San Diego, Calif. The PURON MBR pilot system achieved high quality effluent with BOD5 values below the detection limit of 2 mg/L for 100 percent of samples collected during the study period. The system also achieved complete nitrification and more than 5-log removal of inherent total and fecal coliforms and more than 3- log removal of inherent total coliphage.

Moreover, the PURON MBR system produced effluent with turbidity of less than 0.1 NTU for 100 percent of the samples collected while operating at peak flux of 35.3 GFD (60 LMH) during the 6-day peaking study. The PURON MBR system achieved more than 1.0-log removal of MS-2 virus for more than 50 percent of the samples during the virus seeding experiments conducted before and after cleaning the membranes.

The PURON MBR system utilizes PURON submerged membrane modules. These modules feature polyethersulfone hollow fiber membranes with a nominal pore size of 0.05 micron. They are operated on the outside-to-inside principle; all solids and particulates remain on the outside of the membranes while permeate is pulled to the inside of the fibers under vacuum. The PURON module's unique design affixes each bundle of hollow fibers in a header only at the lower end, while the upper ends of the hollow fibers are individually sealed and free to move, virtually eliminating the clogging issues typical of double header products. Highly effective scouring action is provided by an integrated air nozzle in the center of each bundle of hollow fibers introducing air where the risk of sludging is greatest.

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Nick Powell, vice president of KMS municipal business, said, “We are delighted that KMS has earned independent validation of the value of this exciting product. We are looking forward to building on our already diverse list of industrial and municipal MBR applications.”

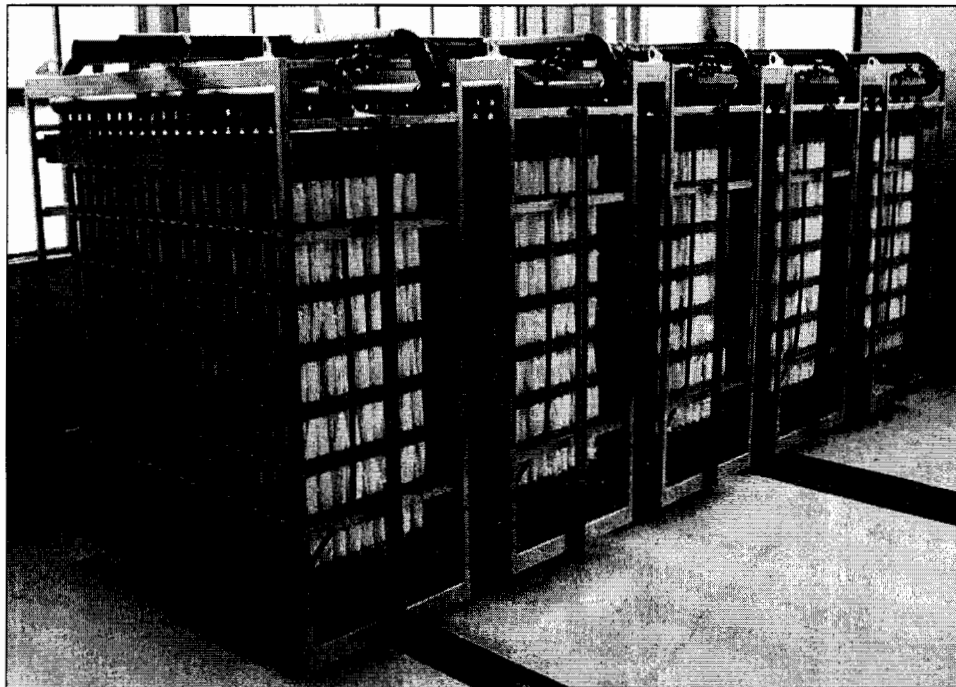
About Koch Membrane Systems

Koch Membrane Systems, Inc. has been a global leader in separation and filtration products for more than 30 years. A designer and manufacturer of state-of-the-art membrane cartridges and elements, as well as complete membrane systems, KMS products are specified for the most demanding applications. To enhance membrane performance, KMS offers a line of antiscalants and cleaning chemicals, and provides a wide range of maintenance and technical service programs. The company has supplied membranes for more than 15,000 systems installed around the world, serving the food processing, life sciences, and general manufacturing industries, as well as providing potable water and wastewater treatment technologies for communities of all sizes.

Based in Wilmington, Mass., Koch Membrane Systems is a Koch Chemical Technology Group, LLC company. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com, call 888-677-5624 or write to info@kochmembrane.com.

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PURON™ is a trademark of Koch Membrane Systems GmbH and is registered in China and the CTM.





FOR IMMEDIATE RELEASE

CONTACT: Elizabeth Firger
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MEMBRANE BIOREACTOR PLANT COMPLETES THREE SUCCESSFUL YEARS OF OPERATION

German plant effectively treats low temperature, highly infiltrated wastewater

WILMINGTON, Mass. - Koch Membrane Systems (KMS), a world-class developer and manufacturer of innovative membranes and membrane filtration systems, announces that the membrane bioreactor (MBR) system located in Simmerath, Germany, recently completed three successful years of operation.

The local sewage board, Wasserverband Eifel Rur, operates a 3.4 MGD wastewater treatment plant in Simmerath. The plant utilizes an MBR containing submerged membrane modules supplied by Koch Membrane Systems GmbH, formerly known as Puron AG. These submerged modules contain bundles of hollow fiber membranes and have been functioning effectively since the system was commissioned in March 2003.

The MBR is operated as a bypass facility to the existing wastewater treatment plant and is designed for a population of 750. The MBR includes an aeration tank with denitrification and nitrification functions, and a membrane tank containing the PURON modules. The PURON[®] modules have successfully met all challenges including low wastewater temperatures along with high levels of infiltration water. The extremely effective design of the PURON module, which includes a unique single header and the introduction of compressed air in the center of the fiber bundle to optimize solids management, has contributed to the system's successful performance.

The Simmerath MBR features two PURON modules with a total membrane area of 1000 m² and has a capacity of 630 m³/day.

About Koch Membrane Systems

Koch Membrane Systems, Inc. has been a global leader in separation and filtration products for more than 30 years. A designer and manufacturer of state-of-the-art membrane cartridges and elements, as well as complete membrane systems, KMS products are specified for the most demanding applications. To enhance membrane performance, KMS offers a line of antiscalants and cleaning chemicals, and provides a wide range of maintenance and technical service programs. The company has supplied membranes for more than 15,000 systems installed around the world, serving the food processing, life sciences, and general manufacturing industries, as well as providing potable water and wastewater treatment technologies for communities of all sizes.

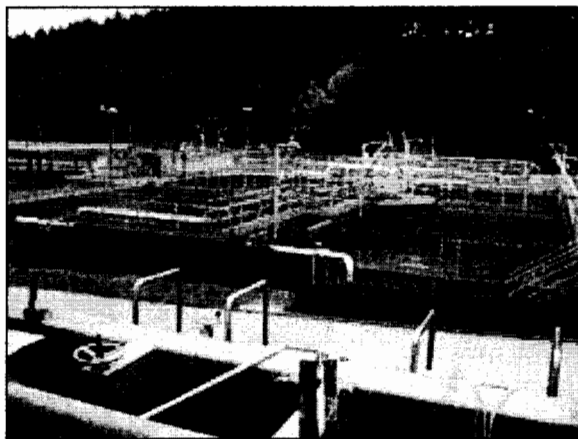
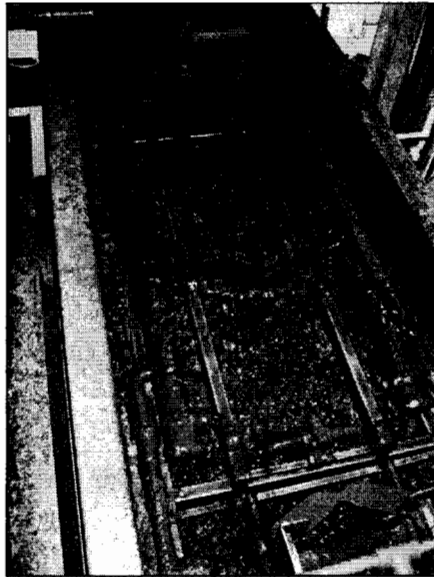
(MORE)

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TEL 888/677-5624 • TEL 978/694-7000 • FAX 978/657-5208

Based in Wilmington, Massachusetts, Koch Membrane Systems is a Koch Chemical Technology Group, LLC company. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com, call 1-978-694-7000 or write to info@kochmembrane.com.

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PURON[®] is a trademark of Koch Membrane Systems GmbH and is registered in Austria, Belgium, France, Germany, Italy, Luxembourg, Netherlands, Spain, the United Kingdom and China.





FOR IMMEDIATE RELEASE

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jpieciul@gr2000.com

**KOCH MEMBRANE SYSTEMS COUPLES PURON™ SUBMERGED MEMBRANE
MODULES WITH AQUA-AEROBIC SYSTEMS' BIOLOGICAL PROCESSES**

Membrane Bioreactor Provides A Cost Effective and Energy Efficient Solution

Wilmington, Mass. – Koch Membrane Systems, Inc. (KMS), a world-class developer and manufacturer of innovative membrane filtration systems, announces that Aqua-Aerobic Systems, Inc., a leader in the design, application, and manufacture of wastewater treatment equipment and systems, has agreed to incorporate PURON™ submerged membrane modules from KMS in the new Aqua-Aerobic® MBR. This new system provides a unique membrane bioreactor (MBR) solution for municipal and industrial wastewater treatment.

Membrane bioreactors with submerged membrane modules are increasingly used for some of the toughest wastewater treatment applications, including municipal effluent, and wastewater from a variety of industries, such as textiles, food, paper and chemicals. By using MBRs to recycle process water, industrial companies cut wastewater disposal costs and reduce consumption of fresh water.

The Aqua-Aerobic MBR specifically utilizes a unique time-managed, sequential aeration process to promote biological nutrient removal within a simplified unit process. In comparison with conventional MBR technologies, the Aqua-Aerobic MBR process offers advantages by addressing equalization, nitrification and denitrification within a single reactor while lowering energy demand for mixing, pumping and aeration, thereby minimizing power costs.

Commenting on the new arrangement, KMS vice-president/municipal business, Dr. Nick Powell said, "I am delighted that we are working with Aqua-Aerobic Systems. The fact that they have vast experience in wastewater treatment is, in my opinion, a great endorsement of our MBR product."

The extremely effective PURON aeration system from KMS permits optimal solids management, high flow rate and reliable operation, while using less energy than other MBR systems. A proprietary feature of the PURON module is the air nozzle, which discharges air from the center of the base of each fiber bundle. The combination of rising air bubbles, the

(MORE)

resulting hydraulic cross flow and the seaweed-like movement of the membrane fibers comprise an energy efficient process that ensures that sludge, hair, and other fibrous material are dislodged from the membranes and moved reliably out of the system.

The patented design of the PURON membrane module features hollow fiber membranes with a nominal pore size of 0.05 micrometers (μm). The lower ends of the membrane fibers are fixed in a header while the upper ends are individually sealed and are free to move laterally. A special feature of the PURON membranes is their enormous mechanical strength, which is provided by a braid inside the membrane material. All solids and particulates remain on the outside of the fibers while permeate is withdrawn from the inside of the fibers.

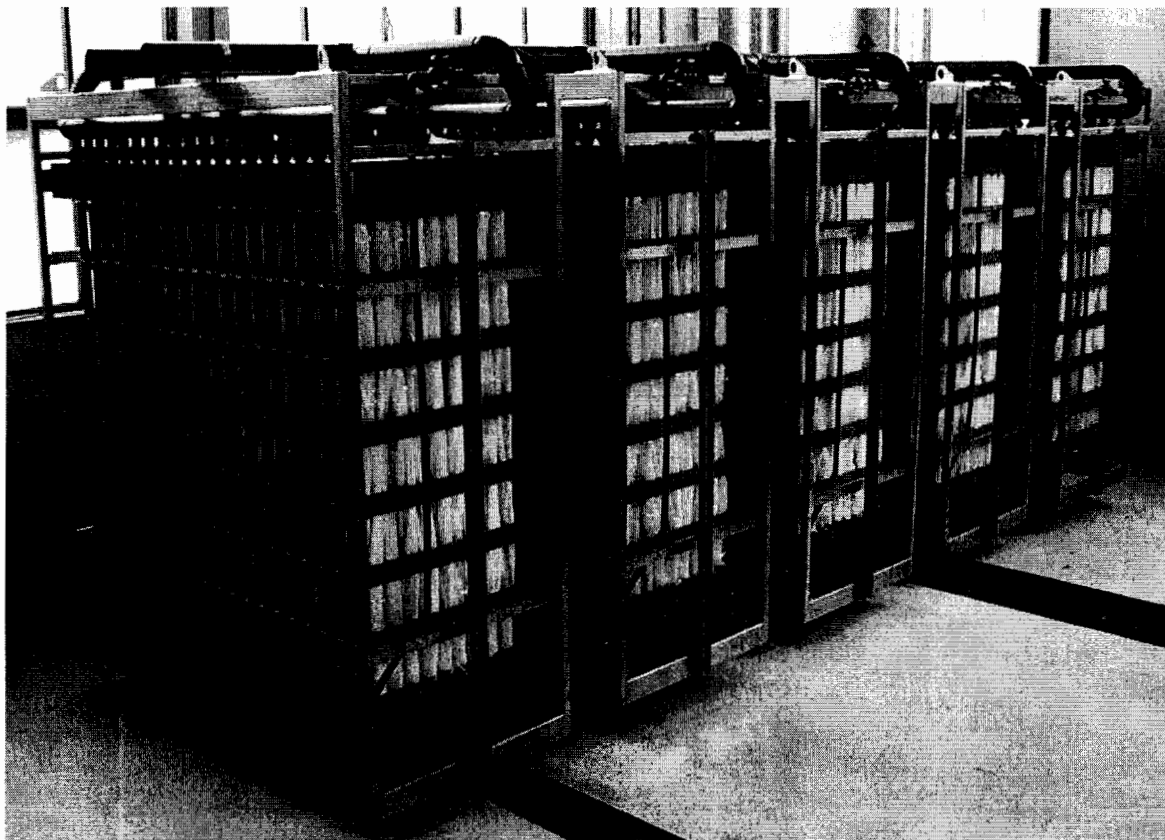
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Based in Wilmington, Massachusetts, Koch Membrane Systems is a Koch Chemical Technology Group, LLC company. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com, call 1-978-694-7000 or write to info@kochmembrane.com.

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PURON is a trademark of Koch Membrane Systems GmbH and Aqua-Aerobic is a trademark of Aqua-Aerobic Systems, Inc.



**PRESS RELEASE**

CONTACT: Paul Wells
Cicero PR
0161 876 5522
pwells@ciceropr.com

**BELGIUM ENVIRONMENTAL COMPANY WATERLEAU SELECTS
SUBMERGED PURON® MEMBRANES FOR THREE MBR PROJECTS**

Waterleau, a Belgium-based company specializing in water, air and waste treatment, and energy recovery applications, has placed three orders for PURON® modules from Koch Membrane Systems (KMS). The announcement was made by Dirk Schlemper, marketing manager for KMS, who indicated Waterleau's order is further evidence of the growing demand for PURON membrane bioreactor (MBR) technology. The units will process municipal and industrial wastewater in applications in Belgium and China.

The two plants in Belgium operate in sites that produce sustainable energy sources. One of the projects is for an industrial customer who will produce biodiesel from soy and rapeseed oil. Waterleau proposed its ATLANTIS® MBR technology, which uses PURON modules, to upgrade an existing wastewater treatment plant to the future load without having to modify existing civil structures. The PURON modules will process a flow up to 720 m³/d, increasing plant capacity to 1.8 tonnes COD/d.

The other Belgium plant is a waste-to-energy facility where potato and vegetable waste is converted into energy by biological fermentation. The wet fraction is polished by an ATLANTIS® MBR wastewater treatment system, again using PURON modules. It will be operational early next year with a capacity to produce 1.6 MW of electrical power. The dry fraction will be further dried to approximately 95% solids and will be refined into high quality fertilizer granules.

The China project is KMS's first large-scale municipal MBR project in that rapidly growing market. PURON modules were chosen for a municipal sewage treatment plant to process 12000 m³/d of municipal wastewater that contains a considerable volume of industrial wastewater from nearby textile works. The MBR process was chosen over a sequential batch reactor (SBR) to achieve a very high quality effluent. The plant is compact and completely covered, thus minimizing environmental emissions.

**About Waterleau**

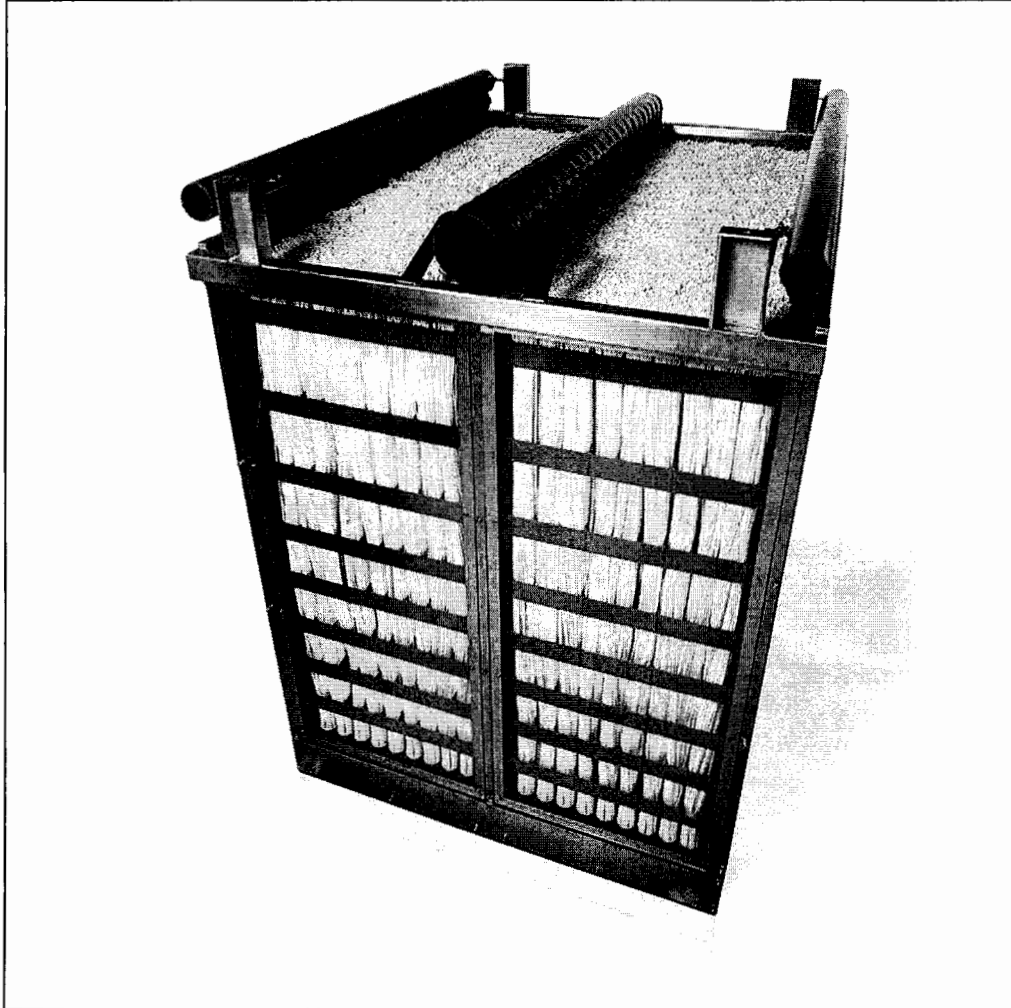
Operating from its headquarters near Brussels, Waterleau is one of the few global players with a complete portfolio of water, air and waste treatment and energy recovery applications. Waterleau provides services in the whole range from technology development, consultancy, design and engineering, procurement and construction to operations and maintenance. Technological packages, turn-key plants or BOOT solutions are available in all fields of environmental protection. This includes treatment of wastewater, sludge, polluted air, waste, production of process water or drinking water and generation of renewable energy from waste or biofuels. For more information visit www.waterleau.com.

About Koch Membrane Systems

Koch Membrane Systems, Inc. has been a global leader in separation and filtration products for more than 35 years. A designer and manufacturer of state-of-the-art membrane cartridges and elements, as well as complete membrane systems, KMS products are specified for the most demanding applications. To enhance membrane performance, KMS offers a line of antiscalants and cleaning chemicals, and provides a wide range of maintenance and technical service programs. The company has supplied membranes for more than 15,000 systems installed around the world, serving the food processing, life sciences, and general manufacturing industries, as well as providing potable water and wastewater treatment technologies for communities of all sizes.

Based in Wilmington, Massachusetts, Koch Membrane Systems is a Koch Chemical Technology Group, LLC company. For more information on Koch Membrane Systems and its full line of membranes and accessory products, visit www.kochmembrane.com, call +1-978-694-7000 or write to info@kochmembrane.com.

PURON is a registered trademark of Koch Membranes Systems GmbH in Austria, Belgium, China, France, Germany, Italy, Luxembourg, Netherlands, Spain, Taiwan and in the United Kingdom. ATLANTIS is a trademark of Waterleau.





FOR IMMEDIATE RELEASE

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**KOCH MEMBRANE SYSTEMS ANNOUNCES NEW
PURON™ MODULE BROCHURE**

“Membrane Solutions for Industrial and Municipal Wastewater Treatment”

WILMINGTON, Mass. – Koch Membrane Systems, Inc. (KMS), a world-class developer and manufacturer of innovative membranes and filtration systems, announces a new brochure detailing the company’s submerged membrane product and service offerings for municipal and industrial wastewater treatment. The colorful brochure features new PURON™ modules used in membrane bioreactor (MBR) applications.

Through an easy to follow graphic format, the brochure outlines the components of the innovative PURON single header module design. The new brochure also lists the benefits of MBR wastewater treatment over conventional wastewater treatment technology, including acting as a barrier to bacteria and suspended solids. In addition, MBR technology eliminates the need for a secondary clarifier and thus occupies a smaller footprint than traditional wastewater treatment technology.

Some of the advantages of the newest PURON module for MBR applications from KMS include an easily retrofittable design, higher system reliability, minimal need for membrane cleaning, reduced energy consumption, and lower equipment costs.

The newest version of the PURON module for membrane bioreactor (MBR) applications has 16,200 ft² (1,500 m²) of hollow fiber membrane and was specifically designed for large-scale MBR projects. It can also be ordered in configurations with 2,500 ft² (235 m²) or 5,400 ft² (500 m²) of membrane area. The improved submerged membrane module features greater packing density, lower energy costs for air scouring, and simplified installation while providing even greater compatibility with other commercially available systems.

To obtain a copy of the new KMS PURON module brochure, download it by going to www.kochmembrane.com. A printed copy can be requested by sending an e-mail to info@kochmembrane.com, or by calling 1-978-694-7309.

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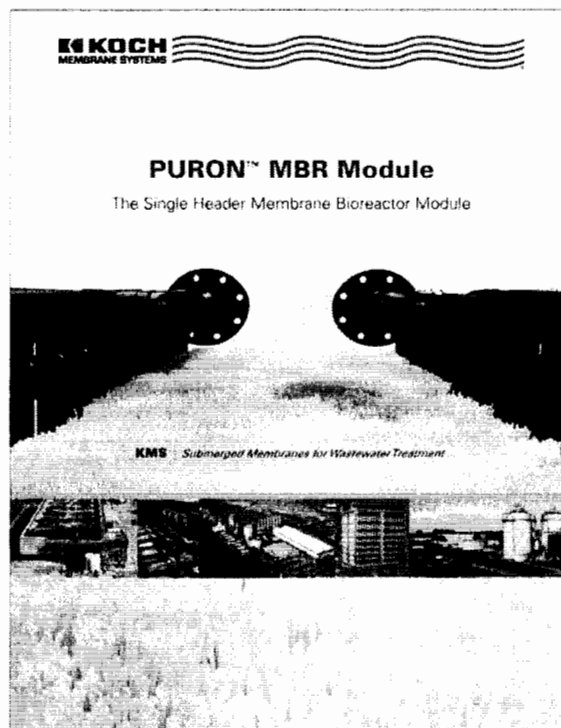
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KOCH MEMBRANE SYSTEMS SELECTED TO PROVIDE MEMBRANES FOR STATE-OF-THE-ART WATER RECYCLING FACILITY IN SANTA PAULA, CALIF.

MBR Project Will be Largest to Use PURON™ Modules in the US

Wilmington, Mass. -Koch Membrane Systems, Inc. (KMS), a world-class developer and manufacturer of innovative membranes and membrane filtration systems, has been selected to provide PURON™ modules as part of a membrane bioreactor (MBR) system to be supplied to the city of Santa Paula, Calif. for the city's new state-of-the-art water recycling facility. The project, which was awarded to Santa Paula Water LLC, a company formed by Pacific Environmental Resources Corp. (PERC) and Alinda Capital Partners, will replace the city's existing wastewater treatment plant.

The new water recycling facility is intended to produce an effluent that meets or exceeds all current environmental wastewater quality standards mandated by the U.S. EPA and the California Regional Water Quality Control Board (RWQCB).

"The upgrade of the Santa Paula treatment plant will be Koch Membrane Systems' largest MBR project in the U.S. market and one of the largest installations of the PURON product worldwide," said Imran Jaferey, business development director, water and wastewater for KMS. "Demand for MBR technology continues to increase steadily around the world, and we are confident this will be the first of many similar large-scale PURON submerged membrane bioreactor systems in the United States."

MBR systems are used for some of the toughest wastewater treatment applications, including sewage treatment for municipalities and treatment of wastewater for the beverage, textile, food, paper, and chemicals industries. The PURON single header design with a free floating membrane fiber tip combined with the centrally located air scour nozzle delivers optimal solids management and reliable operation at peak flux rates, while using 50 percent less air scour energy than other submerged MBR membrane modules. PERC selected PURON membrane filtration modules for Santa Paula's water recycling facility because the modules are energy-efficient and the system is easy to operate, with features that are designed to provide significantly lower lifecycle costs.

"PERC felt that Koch Membrane Systems had studied the challenges experienced by other membrane manufacturers and consequentially improved the PURON design in these areas,"

remarked Juergen Nick, vice president, design and engineering at PERC. “The reduced air scour requirement of the Koch Membrane Systems design versus other membrane manufacturers translated directly into reduced energy consumption and a reduction in operational costs.”

PERC’s innovative design will make efficient use of the surrounding area by using a fraction of the city of Santa Paula’s land, five acres less than the amount of land a conventional wastewater treatment facility would require. A Recycling Education Center is expected to be included as part of the facility, where local students can learn how water recycling facilities operate. Commissioning of the water recycling facility is expected to take place in mid 2010.

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