

Title (en)  
DEVICE FOR TREATING WATER

Title (de)  
VORRICHTUNG ZUM BEHANDELN VON WASSER

Title (fr)  
DISPOSITIF DE TRAITEMENT D'EAU

Publication  
**EP 1487749 A1 20041222 (DE)**

Application  
**EP 03714818 A 20030313**

Priority

- DE 20204084 U 20020313
- EP 0302613 W 20030313

Abstract (en)  
[origin: US2005161333A1] A device for antibacterially treating, in particular decontaminating and/or sterilizing water and for killing microorganisms in water, which device is developed to work together with a container designed for holding a quantity of water intended for treatment, and has an electrode arrangement set up for pulsing the quantity of water in the container, the electrode arrangement being connectable to and operable with an electrical signal-generating device, and the device having a discoid housing, which is preferably provided in the container in detachable or removable form, and having the electrode arrangement on at least one flat outer side of the housing, and the electrical signal-generating device in the interior of the housing.

IPC 1-7  
**C02F 1/467**; **C02F 1/48**; **C02F 1/00**

IPC 8 full level  
**A47J 27/21** (2006.01); **A47J 31/54** (2006.01); **C02F 1/28** (2006.01); **C02F 1/42** (2006.01); **C02F 1/46** (2006.01); **C02F 1/461** (2006.01); **C02F 1/00** (2006.01); **C02F 1/68** (2006.01); **C02F 1/76** (2006.01)

CPC (source: EP US)  
**C02F 1/46104** (2013.01 - EP US); **C02F 1/46109** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **C02F 1/281** (2013.01 - EP US); **C02F 1/283** (2013.01 - EP US); **C02F 1/68** (2013.01 - EP US); **C02F 2001/46133** (2013.01 - EP US); **C02F 2001/46138** (2013.01 - EP US); **C02F 2001/46152** (2013.01 - EP US); **C02F 2303/04** (2013.01 - EP US); **C02F 2303/185** (2013.01 - EP US); **C02F 2307/02** (2013.01 - EP US); **C02F 2307/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 03076347A1

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**US 2005161333 A1 20050728**; **US 7306725 B2 20071211**; AU 2003219049 A1 20030922; CA 2477134 A1 20030918; CZ 20041029 A3 20050518; DE 20204084 U1 20020711; EP 1487749 A1 20041222; IL 163716 A0 20051218; JP 2005519740 A 20050707; JP 3836845 B2 20061025; MX PA04008763 A 20050608; PL 374351 A1 20051017; WO 03076347 A1 20030918; ZA 200406966 B 20050330

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**US 50745904 A 20040910**; AU 2003219049 A 20030313; CA 2477134 A 20030313; CZ 20041029 A 20030313; DE 20204084 U 20020313; EP 0302613 W 20030313; EP 03714818 A 20030313; IL 16371603 A 20030313; JP 2003574575 A 20030313; MX PA04008763 A 20030313; PL 37435103 A 20030313; ZA 200406966 A 20040901