

Title (en)
DEVICE FOR TREATING WATER USING IRON-DOPED IRON EXCHANGERS

Title (de)
VORRICHTUNG ZUM AUFARBEITEN VON WASSER MITTELS EISEN-DOTIERTER IONENAUSTAUSCHER

Title (fr)
DISPOSITIF POUR TRAITER DE L'EAU AU MOYEN D'ECHANGEURS D'IONS DOPES EN FER

Publication
EP 1635946 A1 20060322 (DE)

Application
EP 04739737 A 20040609

Priority
• EP 2004006229 W 20040609
• DE 10327111 A 20030613

Abstract (en)
[origin: CA2529072A1] The invention relates to devices, preferably filtration units, which can be flown through by a liquid to be treated and which, while being filled with iron-doped ion exchangers, are used for removing heavy metals from aqueous media. The invention also relates to a method for producing these devices and to the use thereof.

IPC 1-7
B01J 39/16; **B01J 45/00**; **B01J 47/02**; **C02F 1/28**; **C02F 1/62**

IPC 8 full level
B01J 39/16 (2006.01); **B01J 45/00** (2006.01); **B01J 47/02** (2006.01); **C02F 1/28** (2006.01); **C02F 1/42** (2006.01); **C02F 1/68** (2006.01)

CPC (source: EP US)
B01J 39/17 (2016.12 - EP US); **B01J 45/00** (2013.01 - EP US); **B01J 47/024** (2013.01 - EP US); **C02F 1/288** (2013.01 - EP US); **C02F 1/281** (2013.01 - EP US); **C02F 1/42** (2013.01 - EP US); **C02F 1/683** (2013.01 - EP US); **C02F 2101/103** (2013.01 - EP US); **C02F 2101/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2004110624A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10327111 A1 20041230; CA 2529072 A1 20041223; CN 1835802 A 20060920; EP 1635946 A1 20060322; JP 2006527080 A 20061130; US 2006157416 A1 20060720; US 2006186052 A1 20060824; WO 2004110624 A1 20041223

DOCDB simple family (application)
DE 10327111 A 20030613; CA 2529072 A 20040609; CN 200480022955 A 20040609; EP 04739737 A 20040609; EP 2004006229 W 20040609; JP 2006515868 A 20040609; US 29339405 A 20051202; US 57143404 A 20040609