

Title (en)

DEVICE AND METHOD FOR THE ELIMINATION OF MAGNETIC OR MAGNETIZABLE PARTICLES FROM A LIQUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ABTRENNEN VON MAGNETISCHEN ODER MAGNETISIERBAREN PARTIKELN AUS EINER FLÜSSIGKEIT

Title (fr)

PROCEDE ET DISPOSITIF POUR SEPARER DES PARTICULES MAGNETIQUES OU MAGNÉTISABLES D'UN LIQUIDE

Publication

**EP 1843854 B1 20110518 (DE)**

Application

**EP 06706463 A 20060128**

Priority

- EP 2006000747 W 20060128
- DE 102005004664 A 20050202

Abstract (en)

[origin: US2008308500A1] A device (10) is provided for separating magnetic or magnetizable particles from a liquid by using a magnetic field. The device includes a head piece (3) with one or more magnetizable bars (4) which is/are permanently or detachably connected with the head piece (3), as well as one or more permanent magnets (1) whose relative position with respect to the head piece can be changed by a predeterminable movement of the magnet(s) or/and by a predeterminable movement of the head piece.

IPC 8 full level

**B03C 1/28** (2006.01)

CPC (source: EP NO US)

**B03C 1/033** (2013.01 - NO US); **B03C 1/06** (2013.01 - NO US); **B03C 1/286** (2013.01 - EP NO US); **B03C 1/30** (2013.01 - NO US); **B03C 2201/18** (2013.01 - EP US); **B03C 2201/22** (2013.01 - EP US); **B03C 2201/26** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2008308500 A1 20081218; US 9023212 B2 20150505**; AT E509703 T1 20110615; AU 2006210041 A1 20060810; AU 2006210041 B2 20110106; CA 2595972 A1 20060810; CA 2595972 C 20140819; DE 102005004664 A1 20060810; DE 102005004664 B4 20070621; DK 1843854 T3 20110912; EP 1843854 A1 20071017; EP 1843854 B1 20110518; ES 2366653 T3 20111024; JP 2008529018 A 20080731; JP 4975645 B2 20120711; NO 20074217 L 20070817; NO 338514 B1 20160829; TW 200633786 A 20061001; TW I294309 B 20080311; WO 2006081995 A1 20060810

DOCDB simple family (application)

**US 81531606 A 20060128**; AT 06706463 T 20060128; AU 2006210041 A 20060128; CA 2595972 A 20060128; DE 102005004664 A 20050202; DK 06706463 T 20060128; EP 06706463 A 20060128; EP 2006000747 W 20060128; ES 06706463 T 20060128; JP 2007553515 A 20060128; NO 20074217 A 20070817; TW 95102210 A 20060120