

Title (en)

PURIFICATION DEVICE AND METHOD FOR PURIFYING A FLUID

Title (de)

REINIGUNGSVORRICHTUNG UND VERFAHREN ZUR REINIGUNG EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PURIFICATION DESTINÉS À PURIFIER UN FLUIDE

Publication

EP 2556030 A2 20130213 (EN)

Application

EP 11715071 A 20110408

Priority

- NL 2005440 A 20101001
- NL 2004530 A 20100409
- NL 2011050236 W 20110408

Abstract (en)

[origin: WO2011126371A2] The invention relates to a purification device and method for purifying a fluid. The purification device comprises: -wave-generating means for generating acoustic and/or electromagnetic waves capable to produce wave interference and/or local enhancement of wave intensity;and -control means for controlling the wave generating means capable to achieve a structure with the generated waves such that the structure behaves as a filter.

IPC 8 full level

C02F 1/30 (2006.01)

CPC (source: EP)

C02F 1/008 (2013.01); **C02F 1/36** (2013.01); **C02F 1/38** (2013.01); **C02F 2303/04** (2013.01)

Citation (search report)

See references of WO 2011126371A2

Citation (examination)

- US 2010224571 A1 20100909 - BABAEV EILAZ [US], et al
- EP 0936187 A2 19990818 - TUHH TECH GMBH [DE]
- US 2002043893 A1 20020418 - PUSKAS WILLIAM L [US]
- US 2006086604 A1 20060427 - PUSKAS WILLIAM L [US]
- US 2007269876 A1 20071122 - CORDEMANS DE MEULENAER ERIC [BE], et al
- US 6482327 B1 20021119 - MORI TOSHIKAZU [JP], et al
- US 5688405 A 19971118 - DICKINSON STUART C [US], et al
- US 2008181828 A1 20080731 - KLUCK WILLIAM P [US]
- US 2006037916 A1 20060223 - TRAMPLER FELIX [AT]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011126371 A2 20111013; WO 2011126371 A3 20120216; EP 2556030 A2 20130213

DOCDB simple family (application)

NL 2011050236 W 20110408; EP 11715071 A 20110408