

Title (en)  
APPARATUS FOR CLEANING SUBMERGED SURFACE WITH EDDY FILTRATION

Title (de)  
VORRICHTUNG ZUR REINIGUNG EINER UNTERGETAUCHTEN FLÄCHE MIT WIRBELFILTRATION

Title (fr)  
APPAREIL NETTOYEUR DE SURFACE IMMERGÉE À FILTRATION TURBULENTE

Publication  
**EP 2235298 A2 20101006 (FR)**

Application  
**EP 08865884 A 20081218**

Priority  
• FR 2008052366 W 20081218  
• FR 0708994 A 20071221

Abstract (en)  
[origin: US8627533B2] Detailed is a device for cleaning an immersed surface, including a body and members for driving the body over the immersed surface, a filtration chamber which has a liquid inlet in the body located at the base of the body, at least one liquid outlet out of the body, a hydraulic circuit for flow of liquid between the inlet and the outlet through a filtering device, wherein it includes: at least one rear outlet, and a rigid wall which is arranged in the filtering device and which extends in a direction which is non-parallel with at least one direction which connects an inlet and an outlet in order to form an obstacle to the flow of liquid from this inlet to this outlet which brings about a swirling flow of liquid in the filtering device downstream of this rigid wall.

IPC 8 full level  
**E04H 4/16** (2006.01)

CPC (source: EP US)  
**E04H 4/1654** (2013.01 - EP US)

Cited by  
WO2015059424A1; FR3012500A1; US9657488B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**FR 2925549 A1 20090626; FR 2925549 B1 20120810**; AT E522681 T1 20110915; AU 2008339715 A1 20090702; AU 2008339715 B2 20140807; CA 2709866 A1 20090702; CA 2709866 C 20150421; EP 2235298 A2 20101006; EP 2235298 B1 20110831; ES 2372792 T3 20120126; PT 2235298 E 20111222; US 2011000031 A1 20110106; US 8627533 B2 20140114; WO 2009081056 A2 20090702; WO 2009081056 A3 20091015; ZA 201005171 B 20120125

DOCDB simple family (application)  
**FR 0708994 A 20071221**; AT 08865884 T 20081218; AU 2008339715 A 20081218; CA 2709866 A 20081218; EP 08865884 A 20081218; ES 08865884 T 20081218; FR 2008052366 W 20081218; PT 08865884 T 20081218; US 80842308 A 20081218; ZA 201005171 A 20100720