

Title (en)  
SUBMERGED SURFACE-CLEANING APPARATUS PROVIDED WITH AN ACCELEROMETRIC DEVICE DETECTING GRAVITATIONAL ACCELERATION

Title (de)  
UNTERWASSER-OBERFLÄCHENREINIGER MIT BESCHLEUNIGUNGSMESSER ZUR ERKENNUNG VON ERDBESCHLEUNIGUNG

Title (fr)  
APPAREIL NETTOYEUR DE SURFACE IMMERGÉE MUNI D'UN DISPOSITIF ACCÉLÉROMÉTRIQUE DÉTECTANT L'ACCÉLÉRATION GRAVITATIONNELLE

Publication  
**EP 2516774 B1 20160330 (FR)**

Application  
**EP 10807625 A 20101217**

Priority  
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• FR 2010052799 W 20101217

Abstract (en)  
[origin: WO2011086270A1] The invention relates to a submerged surface-cleaning apparatus that includes: a hollow body; drive guide members (2, 3, 4); and a filtration chamber that is provided in the hollow body and has at least one liquid inlet, at least one liquid outlet, and a hydraulic 10 circuit for the flow of liquid through a filtering device, characterized in that said apparatus includes an accelerometric device that is rigidly connected to the hollow body and is suitable for providing instantaneous measurements of at least one earth gravity acceleration component in at least one stationary direction relative to the hollow body. Said apparatus also includes a unit (81) for processing acceleration measurements that are generated by the accelerometric 15 device.

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

CPC (source: EP US)  
**E04H 4/16** (2013.01 - EP US); **E04H 4/1654** (2013.01 - EP US)

Citation (examination)  
US 2005171639 A1 20050804 - UEHIGASHI NAOYA [JP], et al

Citation (opposition)  
Opponent : Fluidra Commercial France  
• US 2007094817 A1 20070503 - STOLTZ GERHARD J [US], et al  
• US 2005171639 A1 20050804 - UEHIGASHI NAOYA [JP], et al  
• JP H095104 A 19970110 - NIPPON TELEGRAPH & TELEPHONE  
• FR 2925557 A1 20090626 - ZODIAC POOL CARE EUROP SOC PAR [FR]

Cited by  
US9909333B2; US9885194B1; US10767382B2; US9885196B2; US9896858B1; US10107000B2; US10156083B2; US10253517B2; US10557278B2; US11236523B2

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**FR 2954381 A1 20110624; FR 2954381 B1 20130531**; AU 2010342370 A1 20120802; AU 2010342370 B2 20151105; CA 2784808 A1 20110721; CA 2784808 C 20170620; EP 2516774 A1 20121031; EP 2516774 B1 20160330; ES 2571986 T3 20160527; US 2011197932 A1 20110818; US 2014291220 A1 20141002; US 8771504 B2 20140708; US 9631389 B2 20170425; WO 2011086270 A1 20110721

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