

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 A1 20121031 (FR)

Application

EP 10807625 A 20101217

Priority

- US 30054510 P 20100202
- FR 0906230 A 20091222
- 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 (search report)

See references of WO 2011086270A1

Citation (third parties)

Third party :

US 2005171639 A1 20050804 - UEHIGASHI NAOYA [JP], et al

Cited by

US9909333B2; US9885194B1; US10767382B2; US9885196B2; US9896858B1; US10107000B2; US10156083B2; US10253517B2; US10557278B2; US11236523B2; US12065854B2

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)

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

DOCDB simple family (application)

FR 0906230 A 20091222; AU 2010342370 A 20101217; CA 2784808 A 20101217; EP 10807625 A 20101217; ES 10807625 T 20101217; FR 2010052799 W 20101217; US 201414284467 A 20140522; US 97126910 A 20101217