

Title (en)

SUBMERGED-SURFACE-CLEANING DEVICE COMPRISING A SINGLE REVERSIBLE DRIVING AND PUMPING ELECTRIC MOTOR

Title (de)

REINIGUNGSGERÄT FÜR EINE UNTERWASSEROBERFLÄCHE MIT EINEM EINZIGEN ELEKTRISCH- REVERSIBLEN ANTRIEB- UND PUMPENMOTOR

Title (fr)

APPAREIL NETTOYEUR DE SURFACE IMMERGÉE À MOTEUR ÉLECTRIQUE UNIQUE RÉVERSIBLE D'ENTRAÎNEMENT ET DE POMPAGE

Publication

EP 2513392 B1 20130918 (FR)

Application

EP 10807624 A 20101217

Priority

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- FR 2010052798 W 20101217

Abstract (en)

[origin: WO2011073597A1] The invention relates to a device for cleaning a surface submerged in a liquid, comprising: a hollow body; guiding and driving members (5, 6); a filtration chamber in the hollow body; at least one liquid inlet; at least one outlet for discharging liquid from the hollow body; at least one axial pumping impeller (10); and a single reversible electric motor (8), the drive shaft of which is mechanically connected to at least one motor member and to each pumping impeller simultaneously in order to drive same. In a first drive shaft (9) direction of rotation, each motor member is driven forwards and each pumping impeller generates a flow of liquid in the normal direction, thereby cleaning the submerged surface. In a second drive shaft (9) direction of rotation, each motor member is driven backwards, opposite the aforementioned forward direction.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

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Cited by

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