

Title (en)

SUBMERGED-SURFACE CLEANING APPARATUS WITH ANGLED PUMPING IMPELLER

Title (de)

VORRICHTUNG ZUR REINIGUNG EINER UNTERGETAUCHTEN FLÄCHE MIT ABGEWINKELTEM PUMPLAUFRAD

Title (fr)

APPAREIL NETTOYEUR DE SURFACE IMMERGÉE À HÉLICE DE POMPAGE INCLINÉE

Publication

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Application

**EP 08864710 A 20081218**

Priority

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Abstract (en)

[origin: WO2009081060A2] The invention relates to a submerged-surface cleaning apparatus comprising a hollow body and members (2, 3, 4) for driving the body over the submerged surface, a filtration chamber created in the body and having: a liquid inlet (9) situated at the base of the body; a liquid outlet (10) situated on the opposite side to the base of the body; a hydraulic circuit for the circulation of liquid between this liquid inlet (9) and this liquid outlet (10) through a filtering device (11); a liquid pumping device (12, 13, 14) comprising a pumping motor (12) that has a rotary drive shaft (13) coupled to a pumping impeller (14) interposed in the hydraulic circuit, characterized in that the liquid outlet (10) is longitudinally offset from the liquid inlet (9) and in that the pumping impeller (14) has an axis of rotation (51) that is angled, making a non-zero angle other than 90° with the longitudinal direction.

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