

Title (en)

INTAKE ASSEMBLY FOR SELF-PROPELLED POOL CLEANER

Title (de)

EINLASSANORDNUNG FÜR SELBSTFAHRENDEN POOLREINIGER

Title (fr)

ENSEMBLE D'ADMISSION POUR NETTOYEUR DE PISCINE AUTOMOTEUR

Publication

EP 1585878 A1 20051019 (EN)

Application

EP 02782516 A 20021213

Priority

AU 0201688 W 20021213

Abstract (en)

[origin: WO2004055299A1] A rotor assembly (1) for a self propelling pool cleaner including a housing (2) having a water inlet orifice (7) and a water outlet orifice (9), a rotor (3) within the housing (2) including a plurality of vanes (4) defining a plurality of spaces (11, 12) between adjacent vanes (4) each vane (4) having pressure sealing means (10) forming a pressure seal between adjacent spacers (11, 12) when said pressure sealing means (10) is in contact with an internal wall of the housing (2) wherein a negative static water pressure applied at the outlet orifice (9) leads to a differential water pressure between two adjacent spaces (11, 12) causing rotation of the rotor (3).

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CPC (source: EP US)

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