

Title (en)
Pool cleaner.

Title (de)
Schwimmbeckenreiniger.

Title (fr)
Appareil de nettoyage pour piscine.

Publication
EP 0199478 A1 19861029 (EN)

Application
EP 86302411 A 19860401

Priority
ZA 852443 A 19850401

Abstract (en)
A pool cleaner comprises an electrically driven endless track vehicle drawing water through a filter compartment and expelling the water normal to the surface on which the vehicle runs. The endless tracks (22) and a pump impeller (33) are driven by a single motor (30). The impeller (33) is mounted on a shaft (34) co-axial with the motor (30). The endless tracks (22) are driven through a reduction gearing system. The eye of the impeller is open to a space containing a filter (15, 16) and the impeller (33) expels water radially into a volute manifold (14) in a direction normal to the surface on which the vehicle runs.

IPC 1-7
E04H 3/20

IPC 8 full level
E04H 4/16 (2006.01)

CPC (source: EP)
E04H 4/1654 (2013.01)

Citation (search report)
• [YD] US 4168557 A 19790925 - RASCH WILHELM, et al
• [Y] FR 2041339 A5 19710129 - MYERS ROBERT
• [A] US 2988762 A 19610620 - BABCOCK HUGH H
• [A] US 2923954 A 19600209
• [A] US 3324492 A 19670613 - MYERS ROBERT R
• [A] DE 3333633 A1 19840322 - PEACOCK INVESTMENTS LTD [ZA]

Cited by
US2014262401A1; US2020095792A1; US6242128B1

Designated contracting state (EPC)
DE FR GB IT

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EP 0199478 A1 19861029; AU 5560086 A 19861009; ES 553615 A0 19861201; ES 8701914 A1 19861201

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