

Title (en)
CLEANING DEVICE FOR SWIMMING-POOL

Publication
EP 0017974 A3 19801210 (DE)

Application
EP 80102040 A 19800416

Priority
AT 286079 A 19790417

Abstract (en)
[origin: EP0017974A2] 1. Swimming-pool cleaner for filtering the swimming-pool water and for cleaning the swimming-pool bottom with an electric-motor-driven pump which draws in swimming-pool water through a suction device (15), leads said water through a filter (10) and then pumps it back again into the swimming-pool whereby the suction device, the filter, the motor (1, 2) and the pump are combined to form a unit whose displacement is so great that in normal operation the cleaner, when immersed in the swimming-pool water, projects out of the water only with a part of the suction device so that floating dirt particles are drawn in, wherein the motor (1, 2) is in the form of an induction motor with two-phase low-voltage winding (31, 34) having two coil sets whereby the first winding (31) is supplied with low voltage by a first transformer (30) and the second winding (34) is supplied by a second transformer (32) which in turn is supplied from the mains through the intermediary of a capacitor (33).

IPC 1-7
E04H 3/20

IPC 8 full level
E04H 4/12 (2006.01)

CPC (source: EP)
E04H 4/1263 (2013.01)

Citation (search report)
• [X] DE 2258894 A1 19740606 - DICHMANN & CO KG
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• US 2989185 A 19610620 - LOMBARDI OLIVER M

Cited by
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Designated contracting state (EPC)
CH DE FR IT

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