

Title (en)
FLEXIBLE ROTOR FOR SELF PRIMING PUMPS

Publication
EP 0334189 A3 19900328 (FR)

Application
EP 89104622 A 19890315

Priority
IT 1990088 A 19880322

Abstract (en)
[origin: EP0334189A2] The rotor (G) consists of a circular body (C) which has on its circumference (G) flexible radial paddles (R). Through the centre of the rotor is a hole (F) in which there is a dividing web (D). The rotor is pressure moulded in one operation in an elastomer material, and is housed in a pump housing (P). The rotor (G) is driven by a motor (M) via a coupling (T) and a shaft (A). The end of the shaft is slotted (K) so that, when inserted into the hole (F) in the rotor, the web (D) engages in the slot (K), thus enabling the rotor to be driven.

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IPC 8 full level
F04C 5/00 (2006.01)

IPC 8 main group level
F04B (2006.01)

CPC (source: EP)
F04C 5/00 (2013.01)

Citation (search report)
• [X] US 2659313 A 19531117 - CARSON FRANK L
• [A] FR 2163935 A5 19730727 - RHONE POULENC SA

Cited by
EP2042736A3

Designated contracting state (EPC)
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EP 0334189 A2 19890927; EP 0334189 A3 19900328; IT 1216702 B 19900308; IT 8819900 A0 19880322

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