

Title (en)
Wet rotor pump

Title (de)
Nassläuferpumpe

Title (fr)
Pompe à rotor mouillé

Publication
EP 1286055 B1 20060208 (DE)

Application
EP 02017197 A 20020731

Priority
DE 10140613 A 20010818

Abstract (en)
[origin: EP1286055A1] A motor armature (24) is connected by a shaft (22) to a pump wheel (10) provided downstream of an intake channel (14) in a feed direction (12). A slit pot (34) surrounds the motor armature around which feed medium flows for cooling. A supporting element (44) provided in an intake channel (14) has an abutting surface (50) on which a flow surface (52) of the pump wheel abuts to take up axial forces.
[origin: EP1286055A1] A motor armature (24) is connected by a shaft (22) to a pump wheel (10) provided downstream of an intake channel (14) in a feed direction (12). A slit pot (34) surrounds the motor armature around which feed medium flows for cooling. A supporting element (44) provided in an intake channel (14) has an abutting surface (50) on which a flow surface (52) of the pump wheel abuts to take up axial forces.

IPC 8 full level
F04D 13/06 (2006.01); **F04D 29/04** (2006.01); **F04D 29/047** (2006.01)

CPC (source: EP US)
F04D 13/0633 (2013.01 - EP US); **F04D 29/047** (2013.01 - EP US)

Cited by
DE10352487A1

Designated contracting state (EPC)
DE ES FR GB IT

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EP 1286055 A1 20030226; EP 1286055 B1 20060208; DE 10140613 A1 20030306; DE 50205779 D1 20060420; ES 2253479 T3 20060601; US 2003035740 A1 20030220; US 6939115 B2 20050906

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EP 02017197 A 20020731; DE 10140613 A 20010818; DE 50205779 T 20020731; ES 02017197 T 20020731; US 21196302 A 20020802