

Title (en)
Centrifugal pump

Title (de)
Kreispumpe

Title (fr)
Pompe centrifugale

Publication
EP 1256722 A3 20040102 (DE)

Application
EP 02450114 A 20020507

Priority
AT 7592001 A 20010511

Abstract (en)
[origin: EP1256722A2] The pump has a disk rotor electric motor for driving the pump directly connected to a pump impeller (6). A drive flange (18) protruding outwards in the radial direction on the outer periphery of the impeller has magnets (19) or windings (20) molded into it for contactlessly driving the impeller.

IPC 1-7
F04D 13/06

IPC 8 full level
F04D 13/06 (2006.01)

CPC (source: EP US)
F04D 13/0666 (2013.01 - EP US)

Citation (search report)
• [X] US 4644202 A 19870217 - KROY RALPH E [US], et al
• [X] US 6034465 A 20000307 - MCKEE GARY F [US], et al
• [X] DE 19646617 A1 19980514 - PIERBURG AG [DE]
• [X] US 6132186 A 20001017 - COOPER DAVID J [US], et al

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Designated contracting state (EPC)
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DOCDB simple family (application)
EP 02450114 A 20020507; AT 7592001 A 20010511; DE 50209511 T 20020507; US 14094802 A 20020509