

Title (en)
Radial pump

Title (de)
Radialpumpe

Title (fr)
Pompe radiale

Publication
EP 1538338 B1 20060614 (DE)

Application
EP 03450273 A 20031204

Priority
EP 03450273 A 20031204

Abstract (en)
[origin: EP1538338A1] The radial pump (1) has a rotatably mounted shaft driven impeller (4) with a cover ring (9) mounted on the suction side of the impeller and movable between two end positions. The cover ring is automatically adjustable depending upon the pressure difference between the pressure and suction side (7,6) of the impeller. The cover ring in at least one defined position, preferably at least in the first end position, is positioned by a positioning element (13) formed preferably by a locking device.

IPC 8 full level
F04D 15/00 (2006.01); **F04D 29/16** (2006.01)

CPC (source: EP)
F04D 15/0033 (2013.01); **F04D 29/167** (2013.01)

Cited by
US9869326B2

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DOCDB simple family (publication)
EP 1538338 A1 20050608; EP 1538338 B1 20060614; AT E330127 T1 20060715; AT E346240 T1 20061215; DE 502004002076 D1 20070104; DE 50303864 D1 20060727

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EP 03450273 A 20031204; AT 03450273 T 20031204; AT 04450193 T 20041014; DE 502004002076 T 20041014; DE 50303864 T 20031204