

Title (en)
Centrifugal pump

Title (de)
Kreispumpe

Title (fr)
Pompe centrifuge

Publication
EP 1406017 A1 20040407 (EN)

Application
EP 02425649 A 20021028

Priority
• EP 02425649 A 20021028
• EP 02425599 A 20021003

Abstract (en)
The pump has an impeller provided with one blading (2) suitable for sucking liquids from conduit and pumping them towards a manifold arranged around the impeller. The impeller has another blading (15) oriented in direction opposite to direction (3) of the blading (2) and is linked to a shaft by screw mechanism. The rotation of the shaft in the directions causes axial advancing or moving back, respectively of the impeller.

IPC 1-7
F04D 13/14; **F04D 29/22**

IPC 8 full level
F04D 15/00 (2006.01); **F04D 29/22** (2006.01); **F04D 29/50** (2006.01)

CPC (source: EP)
F04D 15/0027 (2013.01); **F04D 29/042** (2013.01); **F04D 29/2283** (2013.01); **F04D 29/506** (2013.01)

Citation (search report)
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• [A] US 2916997 A 19591215 - FRANCOIS TERRIE PAUL
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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