

Title (en)

Centrifugal pump with gas separation chamber

Title (de)

Kreiselpumpe mit Gasabscheidekammer

Title (fr)

Pompe centrifuge avec chambre de séparation de gaz

Publication

EP 1024292 B1 20040804 (DE)

Application

EP 00100942 A 20000119

Priority

- DE 19920780 A 19990505
- DE 19903047 A 19990126

Abstract (en)

[origin: EP1024292A2] The pump has a gas separation chamber (7) on the input side to separate gas (air) out from the fluid being pumped via a gas outlet (10) in the top of the chamber. The outlet is a tube (12) leading to the running wheel area. It ends in the chamber and at a spacing from its opposite wall (9). The tube has several apertures (13) in it to increase the air removal capacity.

IPC 1-7

F04D 9/00; **F04D 29/42**

IPC 8 full level

F04D 9/02 (2006.01)

CPC (source: EP)

F04D 9/005 (2013.01)

Cited by

EP1873399A1; EP2420609A3; US9028204B2; DE102021201337A1; US11661953B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1024292 A2 20000802; EP 1024292 A3 20010816; EP 1024292 B1 20040804

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