

Title (en)
Rotary pump with venting arrangement

Title (de)
Kreiselpumpe mit Entlüftung

Title (fr)
Pompe centrifuge dotée d'une déaération

Publication
EP 2072823 B1 20180808 (DE)

Application
EP 08021509 A 20081211

Priority
DE 102007061558 A 20071218

Abstract (en)
[origin: EP2072823A2] The pump has a cylindrical separation chamber arranged in front of a pump chamber in a flow direction, where fluid to be conveyed flows through the separation chamber. The separation chamber is cylindrically formed in a perpendicular axis. A fluid inlet has a conductive surface and/or a tangential arrangement for forming a fluid cyclone in the separation chamber, where the conductive surface guides the fluid. The separation chamber has an upper central venting opening. The venting opening is surrounded by a pipe, and the separation chamber is connected with the pump chamber by a channel (5).

IPC 8 full level
F04D 9/00 (2006.01)

CPC (source: EP)
F04D 9/003 (2013.01)

Cited by
CN114893393A; WO2016138599A1

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DE FR GB IT

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