

Title (en)

Centrifugal pump with bleed screw

Title (de)

Kreiselmotorpumpe mit Entlüftungsschraube

Title (fr)

Pompe centrifuge avec vis de purge

Publication

EP 0953772 B1 20010207 (DE)

Application

EP 99108733 A 19990430

Priority

DE 19819690 A 19980502

Abstract (en)

[origin: EP0953772A1] The pump has a split tube (2) through which the conveyor medium flows through a shaft bore (5) back into the pump suction chamber. The tube (2) is ventilated by a ventilation screw (9) which is mounted at the bottom of same and when opened closes the shaft bore directly or through an intermediate part. Preferred Features: The ventilation screw has a head (11) at its inner end and in the closed state can bear by a conical ring face (12) at the back on a conical seat face (13) of the bore (8) into which the screw is screwed in.

IPC 1-7

F04D 13/06; F04D 9/00

IPC 8 full level

F04D 9/00 (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)

F04D 9/001 (2013.01); **F04D 13/0626** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0953772 A1 19991103; **EP 0953772 B1 20010207**; DE 19819690 A1 19991104; DE 59900040 D1 20010315

DOCDB simple family (application)

EP 99108733 A 19990430; DE 19819690 A 19980502; DE 59900040 T 19990430