

Title (en)

Can of a centrifugal motor pump

Title (de)

Spaltrohr einer Kreiselmotorpumpe

Title (fr)

Chemise d'entrefer pour une motopompe centrifuge

Publication

EP 1703135 B1 20110629 (DE)

Application

EP 06000979 A 20060201

Priority

DE 102005009260 A 20050225

Abstract (en)

[origin: EP1703135A2] The can has a pipe opened at both ends and a flange shaped bearing plate (9) formed at a pump side. The plate separates a motor stator space from a pump chamber (11). A sleeve shaped bearing seat (14) is formed at the plate height coaxially to the can, where the seat carries a bearing (15) for a motor shaft (5). A reinforcement pipe is mounted external to the can, in which the seat and the can are integrated to form one piece.

IPC 8 full level

F04D 13/06 (2006.01); **F04D 29/047** (2006.01)

CPC (source: EP)

F04D 13/0626 (2013.01); **F04D 13/0633** (2013.01); **F04D 29/047** (2013.01)

Cited by

CN105283670A; DE102007010051A1; WO2014177242A1; WO2015197161A1; US8957552B2; US9583988B2; EP2971785B1; EP2040352B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1703135 A2 20060920; EP 1703135 A3 20100407; EP 1703135 B1 20110629; AT E514861 T1 20110715; DE 102005009260 A1 20060831

DOCDB simple family (application)

EP 06000979 A 20060201; AT 06000979 T 20060201; DE 102005009260 A 20050225