

Title (en)

Side channel base body for a regenerative pump

Title (de)

Seitenkanalgrundkörper für eine Seitenkanalpumpe

Title (fr)

Canal latéral pour une pompe régénérative

Publication

**EP 1503082 B1 20060222 (DE)**

Application

**EP 04026112 A 20020910**

Priority

- DE 10200791 A 20020111
- EP 02020217 A 20020910

Abstract (en)

[origin: EP1329637A1] Each end cover (7,8) includes an assembly of a ceramic disc and a plastic unit. The plastic unit is fitted in the spiral slot of the ceramic disc. The open channel of the plastic unit faces an impeller (9) to form a side channel (12,13). The open channel tapers in cross-section from a pump inlet (3) to a pump outlet (4). An Independent claim is also included for an end cover.

IPC 8 full level

**F04D 5/00** (2006.01); **F04D 23/00** (2006.01); **F04D 29/02** (2006.01); **F04D 29/18** (2006.01)

CPC (source: EP US)

**F04D 5/002** (2013.01 - EP US); **F04D 5/007** (2013.01 - EP US); **F04D 29/026** (2013.01 - EP US); **F05B 2250/503** (2013.01 - EP US); **F05D 2300/20** (2013.01 - EP US); **F05D 2300/43** (2013.01 - EP US); **F05D 2300/516** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 1329637 A1 20030723**; **EP 1329637 B1 20050316**; DE 10200791 A1 20030724; DE 50202475 D1 20050421; DE 50205893 D1 20060427; EP 1503082 A1 20050202; EP 1503082 B1 20060222; US 2003133784 A1 20030717; US 6755610 B2 20040629

DOCDB simple family (application)

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