

Title (en)

Barrel-type pump

Title (de)

Topfgehäusepumpe

Title (fr)

Pompe du type "Barrel"

Publication

EP 0618369 B1 19970521 (DE)

Application

EP 94103537 A 19940309

Priority

DE 4310467 A 19930331

Abstract (en)

[origin: EP0618369A1] The invention relates to a barrel-type pump, arranged in which there are, in the vicinity of the last pump stage, for the purpose of increasing the efficiency, components which are designed as separate inserts in the form of a stator insert (13), a spiral insert (1) evolved radially and/or axially and a diffuser-like discharge port insert (2). <IMAGE>

IPC 1-7

F04D 29/44; **F04D 1/06**

IPC 8 full level

F04D 1/08 (2006.01); **F04D 1/06** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP US)

F04D 1/063 (2013.01 - EP US); **F04D 29/445** (2013.01 - EP US)

Cited by

EP2653727A4; US10001143B2; WO2020187562A1

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EP 0618369 A1 19941005; **EP 0618369 B1 19970521**; DE 4310467 A1 19941006; DE 59402797 D1 19970626; JP 2794160 B2 19980903; JP H0754798 A 19950228; US 5522701 A 19960604

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EP 94103537 A 19940309; DE 4310467 A 19930331; DE 59402797 T 19940309; JP 8550094 A 19940331; US 22009994 A 19940330