

Title (en)

VANE PUMP, ESPECIALLY FOR POWER STEERING

Publication

EP 0125328 B1 19870304 (DE)

Application

EP 83104769 A 19830514

Priority

EP 83104769 A 19830514

Abstract (en)

[origin: US4575314A] In a rotary vane pump having a normally vertical suction feed flow passage (17a, 17b) which opens tangentially into a horizontal, elbow-bent feed passage (18a, 18b) and a discharge passage (19a, 19b), the direction-changing portion is formed by a plug-like insert (51) which is pressed into a stepped bore (61). The insert (51) comprises erosion-resistant material.

IPC 1-7

F04C 15/00; **F04C 15/02**

IPC 8 full level

F04C 2/344 (2006.01); **F04C 14/26** (2006.01); **F04C 15/00** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP US)

F04C 15/00 (2013.01 - EP US); **F04C 15/062** (2013.01 - EP US)

Cited by

US5496152A; DE4237483C2; DE3506458A1; DE19513079C2; DE19513079B9; GB2332482A; US6164922A; GB2332482B; WO9859172A1; WO9310354A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0125328 A1 19841121; **EP 0125328 B1 19870304**; CA 1217387 A 19870203; DE 3370058 D1 19870409; JP H0658267 A 19940301; JP H0689748 B2 19941114; JP S59218379 A 19841208; US 4575314 A 19860311

DOCDB simple family (application)

EP 83104769 A 19830514; CA 454154 A 19840511; DE 3370058 T 19830514; JP 8662793 A 19930414; JP 9629684 A 19840514; US 60929084 A 19840511