

Title (en)
Vane pump with capacity control

Title (de)
Mengenregelbare Flügelzellenpumpe

Title (fr)
Pompe à palettes à déplacement variable

Publication
EP 1043503 B1 20031203 (DE)

Application
EP 00105640 A 20000316

Priority
DE 19915738 A 19990408

Abstract (en)
[origin: EP1043503A2] In the pump casing (10) a bearing socket (18) is provided in which a bearing segment (73) of a ring (7) can pivot to adjust stroke of vanes (5). A spring loaded plunger (19) adjusts the position of the ring according to the position of a regulating ele (11).

IPC 1-7
F04C 2/344; F04C 15/04

IPC 8 full level
F04C 2/344 (2006.01); **F04C 14/22** (2006.01)

CPC (source: EP)
F04C 14/22 (2013.01); **F04C 2/3442** (2013.01)

Cited by
EP1225337A3; DE102010022677B4; CN112664447A; DE102006061326B4; FR2833048A1; DE102006061326A1; DE102010022677A1; WO2011150917A2; US8998594B2; WO03069161A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1043503 A2 20001011; **EP 1043503 A3 20020327**; **EP 1043503 B1 20031203**; DE 19915738 A1 20001012; DE 50004613 D1 20040115

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