

Title (en)
VANE PUMP

Publication
EP 0284712 A3 19890614 (DE)

Application
EP 88100426 A 19880114

Priority
DE 3711339 A 19870403

Abstract (en)
[origin: EP0284712A2] In a vane pump with a rotor (2) which can be driven in two directions of rotation, two flow ducts (15, 16) leading into the pump chamber (7) are provided in addition to two pump connections (13, 14). A control device provided inside the rotor (2) ensures that at any one time only that flow duct (15 or 16) on the intake side has a connection to the intake-side pump connection (13, 14). This design increases the degree of filling of the vane pump and hence its delivery. <IMAGE>

IPC 1-7
F04C 18/344; **F04C 29/10**

IPC 8 full level
F04C 2/344 (2006.01); **F04C 18/344** (2006.01); **F04C 28/04** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)
F04C 28/04 (2013.01); **F04C 29/122** (2013.01)

Citation (search report)
• [A] US 4577472 A 19860325 - PANDEYA PRAKASH N [US], et al
• [A] US 2463155 A 19490301 - DAWES BAILEY P
• [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 169 (M-231)[1314], 26. July 1983; & JP-A-58 074 888 (MITSUBISHI JUKOGYO K.K.) 06-05-1983

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US5405253A; WO9302290A1

Designated contracting state (EPC)
DE FR GB IT

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