

Title (en)  
VANE-TYPE VACUUM PUMP

Publication  
**EP 0320795 B1 19910710 (DE)**

Application  
**EP 88120517 A 19881208**

Priority  
DE 3742277 A 19871212

Abstract (en)  
[origin: EP0320795A2] For the operation of servo drives in motor vehicles, oil-lubricated vane-type vacuum pumps are used. In order to reduce the oil consumption and to improve the output, the rotor (5) is supported on one side and provided with an internal bore (21) extending from the free end. In this way a vacuum is produced in the internal bore (21) which is approximately as great as in the intake chamber. <IMAGE>

IPC 1-7  
**F04C 18/344**; **F04C 29/02**

IPC 8 full level  
**F04C 18/344** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)  
**F04C 18/3441** (2013.01); **F04C 29/02** (2013.01); **F04C 2220/10** (2013.01)

Citation (examination)  
DE 3519741 A1 19860102 - BARMAG BARMER MASCHF [DE]

Cited by  
EP0515929A1; GB2234784A; FR2640699A1; DE19964598B4; JP2018507980A; US10696280B2; EP1117933B2

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0320795 A2 19890621**; **EP 0320795 A3 19900207**; **EP 0320795 B1 19910710**; DE 3863633 D1 19910814; ES 2022973 B3 19911216

DOCDB simple family (application)  
**EP 88120517 A 19881208**; DE 3863633 T 19881208; ES 88120517 T 19881208