

Title (en)  
Vane pump

Title (de)  
Sperrflügelpumpe

Title (fr)  
Pompe à palettes

Publication  
**EP 0743453 A3 19970730 (DE)**

Application  
**EP 96107515 A 19960510**

Priority  
DE 19517627 A 19950513

Abstract (en)  
[origin: EP0743453A2] The casing wall comprises at least one groove for a blocking vane (21), pressed by a spring against the peripheral face (11) of the rotor (7) containing control faces (13) separated by separating sections. The periphery of the rotor face is so formed that the number of control faces exceeds that of blocking vanes. Pref. the number of control faces is greater by 1. Typically the rotor has three control faces and there are two blocking vessels. The width of the separating section, in peripheral direction, is slightly larger than the spaces in front and behind the blocking vanes.

IPC 1-7  
**F04C 2/356**

IPC 8 full level  
**F04C 2/356** (2006.01)

CPC (source: EP)  
**F04C 2/3566** (2013.01)

Citation (search report)

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- [X] GB 799302 A 19580806 - BENDIX AVIAT CORP
- [X] DE 2513073 A1 19761007 - MURMANN WALTER

Cited by  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19517627 A1 19961114; DE 19517627 B4 20060316;** EP 0743453 A2 19961120; EP 0743453 A3 19970730; JP H094573 A 19970107

DOCDB simple family (application)  
**DE 19517627 A 19950513;** EP 96107515 A 19960510; JP 11779596 A 19960513