

Title (en)
VANE PUMP

Publication
EP 0120993 B1 19880302 (DE)

Application
EP 83112002 A 19831130

Priority
• DE 3245892 A 19821211
• DE 3328969 A 19830811

Abstract (en)
[origin: EP0120993A2] 1. Vane pump particularly for producing a vacuum for increasing the braking power in motor vehicles with Diesel-engines or fuel injection Otto-engines, comprising an internally positioned stator (4) and a rotatable housing (3) having recesses (8) inserted in its inner surface, in which recesses vanes (9) are pivotally mounted with one end, which vanes (9), when being in their retracted position, immerse in the recesses (8) outside of the cylindrical surface enveloping the inner surface, characterized by the fact that the vanes (9) are pivotally mounted in the recesses (8) in such a manner that the free pivoting end of the vanes (9) extends in the direction of rotation and is pivoted by the force of springs so as to come into close contact with the cylindrical stator (4).

IPC 1-7
F04C 18/332

IPC 8 full level
F04C 2/46 (2006.01); **F04C 18/332** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
F04C 2/46 (2013.01); **F02B 3/06** (2013.01)

Citation (examination)
DE 2736411 A1 19790222 - KLEMENT LEOPOLD SEN

Cited by
DE3639944A1; CN102305129A; DE10222981A1; DE3639943A1; US4772185A; DE4320461A1; FR2833048A1; WO2004072482A1

Designated contracting state (EPC)
AT DE FR IT

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EP 0120993 A2 19841010; EP 0120993 A3 19860219; EP 0120993 B1 19880302; DE 3375817 D1 19880407

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