

Title (en)  
ONE CYLINDER OR MULTICYLINDER RADIAL PUMP

Publication  
**EP 0128787 B1 19871007 (FR)**

Application  
**EP 84400928 A 19840507**

Priority  
FR 8309775 A 19830609

Abstract (en)  
[origin: EP0128787A1] 1. A single or multicylinder radial pump including a body (1) in which is rotatably mounted a shaft (2) having at least one excentric or a control cam (3), at least one piston (13) mounted for sliding with respect to the body (1) and subjected to the action of resilient means (14) tending to apply it against the excentric and a discharge device including a valve seat (18), a valve (21) urged towards its seat by resilient means (26), a valve cage (24) and an output connection plug (30), characterized in that the piston (13) is mounted for sliding in a bore (12) formed directly in the pump body (1) and in that this bore (12) is extended by a second bore (16) of larger diameter in which the discharge device is disposed, this latter being held in position against the resilient means (14) of the piston by the connection plug (30) which is sealingly fixed in this second bore (16).

IPC 1-7  
**F04B 21/02**

IPC 8 full level  
**F04B 53/10** (2006.01)

CPC (source: EP)  
**F04B 53/1032** (2013.01); **F04B 53/1035** (2013.01)

Citation (examination)  
FR 1402284 A 19650611 - ROBERT BOPSCH G M B H

Cited by  
DE102009003052B4; DE4305791A1; DE4305791C2

Designated contracting state (EPC)  
DE GB IT SE

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**EP 0128787 A1 19841219; EP 0128787 B1 19871007**; DE 3466722 D1 19871112; FR 2547362 A1 19841214; FR 2547362 B1 19850726

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