

Title (en)
Adjustable radial piston machine

Title (de)
Verstellbare Radialkolbenmaschine

Title (fr)
Machine à pistons radiaux réglable

Publication
EP 0856638 B1 20020717 (DE)

Application
EP 97120962 A 19971128

Priority
DE 19703155 A 19970129

Abstract (en)
[origin: EP0856638A1] The lift ring(19) upon which the working pistons(13) bear is located concentric to the rotor(11) and pivots around one of its symmetry axes(Q,H). The lift ring on its periphery has radial bearing journals(20) located opposite each other. The adjusting unit acting upon the lift ring is located axially parallel to it and acts upon the lift ring's end face. The adjusting unit is mechanically, electromechanically, pneumatically or hydraulically controlled.

IPC 1-7
F01B 13/06; F04B 1/107; F04B 49/12

IPC 8 full level
F01B 13/06 (2006.01); **F04B 1/107** (2006.01); **F04B 49/12** (2006.01)

CPC (source: EP US)
F01B 13/061 (2013.01 - EP US); **F04B 1/07** (2013.01 - EP US); **F04B 1/1071** (2013.01 - EP US); **F04B 49/128** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR IT NL

DOCDB simple family (publication)
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