

Title (en)

AXIAL OR RADIAL PISTON MACHINE WITH A VALVE ARRANGEMENT COMPRISING A VALVE RING

Publication

EP 0301230 B1 19910925 (DE)

Application

EP 88109856 A 19880621

Priority

DE 3724967 A 19870728

Abstract (en)

[origin: EP0301230A2] An axial or radial piston machine having a plurality of pistons (9) arranged opposite one another diametrically or in the shape of a star, with a control valve arrangement (15) comprising a closed valve ring (31), which interacts with a ring surface (49) containing the valve openings, as a valve seat, is to be designed such that the machine is also suitable for high pressure. This is achieved by a radial movement play (s1) being provided between the ring surface (49) and the circumferential surface of the valve ring (31) interacting therewith, and by the valve ring (31) being flexible, but not expandable. <IMAGE>

IPC 1-7

F01B 3/02

IPC 8 full level

F01B 3/02 (2006.01)

CPC (source: EP)

F01B 3/02 (2013.01)

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0301230 A2 19890201; EP 0301230 A3 19890906; EP 0301230 B1 19910925; DE 3724967 A1 19890209; DE 3865140 D1 19911031

DOCDB simple family (application)

EP 88109856 A 19880621; DE 3724967 A 19870728; DE 3865140 T 19880621