

Title (en)

AXIAL PISTON MACHINE OF THE PLATE OR INCLINED AXIS TYPE WITH DISTRIBUTION SLOTS AND PRESSURE COMPENSATION CANALS

Publication

EP 0301310 B1 19901122 (DE)

Application

EP 88111136 A 19880712

Priority

DE 3725361 A 19870730

Abstract (en)

[origin: US4920856A] In an axial piston machine of the swashplate or bent axis type having slot control and a pressure balancing passage at the inlet end of the high pressure (HP) control slot, erosion caused by the jet of the pressure balancing passage is prevented by providing at the inlet end of the HP-control slot an interference jet passage starting from the high pressure whose opening is arranged so that the directions of flow of the pressure balancing passage and the outlet of the interference jet passage intersect.

IPC 1-7

F04B 1/20

IPC 8 full level

F04B 1/20 (2006.01)

CPC (source: EP US)

F04B 1/2042 (2013.01 - EP US); **F05C 2201/0478** (2013.01 - EP US)

Cited by

CN108799036A; CN108916033A; US5103642A; WO9530833A1; EP3156643B1

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