

Title (en)

AXIAL PISTON MACHINE

Publication

EP 0233484 A3 19880921 (DE)

Application

EP 87100629 A 19870119

Priority

DE 8604342 U 19860219

Abstract (en)

[origin: EP0233484A2] The axial piston machine has pistons (18) guided in a cylinder drum (13), which pistons (18) are supported by means of their domes (20) on a pressure disc (21). The latter is supported in a swivelling disc (23) with the aid of a sliding bearing (24, 25; 27). On the contact points of the sliding bearings and swivelling disc there is arranged a coating which consists e.g. of plastic, graphite, carbon fibres, PTFE or similar materials. <IMAGE>

IPC 1-7

F01B 3/00

IPC 8 full level

F01B 3/00 (2006.01)

CPC (source: EP)

F01B 3/0035 (2013.01); **F05C 2225/04** (2013.01)

Citation (search report)

- [Y] DE 2917771 A1 19791206 - GLACIER METAL CO LTD
- [Y] DE 1653598 B1 19710304 - GUSTAV RICHTER MASCHINENFABRIK
- [A] GB 1594347 A 19810730 - HALFORD E A
- [A] DE 3342593 A1 19850605 - GLYCO METALL WERKE [DE]
- [A] DE 820241 C 19511108 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] GB 791992 A 19580319 - SUNDSTRAND MACHINE TOOL CO
- [A] GB 1031731 A 19660602 - LELY NV C VAN DER
- [A] GB 669878 A 19520409 - WILLIAM HARVEY ANDERSON

Cited by

DE10344152A1; DE4413792A1; US5560277A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

DE 8604342 U1 19870619; EP 0233484 A2 19870826; EP 0233484 A3 19880921

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