

Title (en)

Axial piston machine with synchronisation system

Title (de)

Axialkolbenmaschine mit einem Synchronisierungssystem

Title (fr)

Machine hydraulique à pistons axiaux avec système de synchronisation

Publication

EP 1712787 B1 20150722 (FR)

Application

EP 06112267 A 20060405

Priority

FR 0503345 A 20050405

Abstract (en)

[origin: EP1712787A1] The machine has a cylinder block and sliding disk synchronization system comprising a carrier face fixed with respect to a connecting rod (16) adapted to contact another carrier face fixed with respect to a sliding disk (12), where a clearance is arranged between the faces. The latter face is off-centered with respect to a spherical joint (16B) of the rod so that the clearance is reduced in a zone where faces contact with each other during the synchronization in a preferential rotation direction.

IPC 8 full level

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