

Title (en)

Axial piston pump auxiliary cam assembly

Title (de)

Axiale Hilfsnockenordnung für Kolbenpumpe

Title (fr)

Ensemble de came auxiliaire de pompe à piston axial

Publication

**EP 2423505 B1 20121128 (EN)**

Application

**EP 11177179 A 20110810**

Priority

US 86255610 A 20100824

Abstract (en)

[origin: EP2423505A1] An auxiliary cam assembly (204) for an axial piston pump includes an auxiliary cam plate (212) and an auxiliary cam retainer (214). The auxiliary cam plate is configured to be coupled a rotatable shaft (114). A central shaft opening (308) extends through the auxiliary cam plate. A plurality of piston openings (312) surround the central opening and extend through the auxiliary cam plate. A circumferential cut (404) is formed in and extends around the outer peripheral surface (306) of the auxiliary cam plate. The auxiliary cam retainer has a plurality of ramps (614) formed therein, and each ramp slopes upwardly from a first end to a second end. A plurality of substantially flat pads (616) are disposed between each of the ramps, and each pad extends between the first end of one ramp and the second end of another ramp.

IPC 8 full level

**F04B 1/20** (2006.01)

CPC (source: EP US)

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