

Title (en)

PISTON WITH PIVOT BEARINGS AND DOUBLE CRANKSHAFT PISTON ENGINE

Title (de)

KOLBEN MIT SCHWENKLAGERN UND DOPPELKURBELWELLEN-KOLBENMASCHINE

Title (fr)

PISTON DOTÉ DE PIVOTS ET MACHINE À PISTON À DOUBLE VILEBREQUINS

Publication

EP 3088701 B1 20191204 (DE)

Application

EP 16000960 A 20110809

Priority

- US 80741310 A 20100904
- EP 11006549 A 20110809

Abstract (en)

[origin: EP2426336A2] The piston (1) has two pivot bearings (55, 65) for pivotably supporting a connecting rod (5, 6) at the piston around connecting rod pivot axes (Y5, Y6). The pivot axes run parallel to each other and laterally arranged at distance from each other. The pivot bearings are provided at a bearing element e.g. disk or ring, which is pivotably supported at the piston around a bearing pivot axis (Y7) that runs parallel to the rod pivot axes. The bearing pivot axis lies in center of a line (G) that connects the rod pivot axes in a pivot plane (E1). An independent claim is also included for a double crankshaft piston machine including a piston-cylinder unit.

IPC 8 full level

F02B 75/06 (2006.01)

CPC (source: EP US)

F02B 75/065 (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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