

Title (en)

Piston-cylinder unit and method for supplying lubricant to a piston of a piston-cylinder unit for a reciprocating piston combustion engine

Title (de)

Kolben-Zylinder-Einheit und Verfahren zur Schmiermittelversorgung eines Kolbens einer Kolben-Zylinder-Einheit für eine Hubkolbenbrennkraftmaschine

Title (fr)

Ensemble piston-cylindre et procédé d'alimentation en lubrifiant de l'ensemble piston-cylindre pour un moteur à combustion interne

Publication

EP 2620607 B1 20150812 (DE)

Application

EP 12192495 A 20121114

Priority

- EP 12153003 A 20120130
- EP 12192495 A 20121114

Abstract (en)

[origin: EP2620607A1] The unit (110) has a cylinder liner (111), and a piston (112) comprising a piston upper edge (129) and a piston lower edge (130). The piston is moved back and forth in an axial direction along a piston axis in the liner between an upper dead center (OT) and a lower dead center. A cylinder lubrication device (127) has a lubricant opening (141) that is arranged in the liner. The opening is formed between the edges in an upper dead center-position of the piston. The piston has a circulating recess in an area in which the opening is positioned in the dead center-position of the piston. An independent claim is also included for a method for supplying lubricant to a piston of a piston-cylinder-unit.

IPC 8 full level

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CPC (source: EP KR)

F01M 1/08 (2013.01 - EP KR); **F01M 1/14** (2013.01 - EP); **F02F 1/20** (2013.01 - KR); **F02F 5/00** (2013.01 - KR); **F01M 2011/022** (2013.01 - EP); **F02F 3/225** (2013.01 - EP)

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