

Title (en)
Cylinder lubrication device

Title (de)
Zylinderschmiervorrichtung

Title (fr)
Dispositif de lubrification de cylindre

Publication
EP 2484875 B1 20131127 (EN)

Application
EP 11194470 A 20111220

Priority
• EP 11153294 A 20110204
• EP 11194470 A 20111220

Abstract (en)
[origin: EP2484875A1] A lubricant injection device (30, 60, 130) for an internal combustion engine comprises a lubricant distribution element (31, 61, 131) and a passage (32, 62, 132) for supplying lubricant to the lubricant distribution element (31, 61, 131) and an inlet opening (33, 63, 133) for receiving lubricant from a lubricant supply device (34, 64, 134). The lubricant distribution element (31, 61, 131) comprises an opening (35, 65, 135) for distributing the lubricant onto the surface of a cylinder liner (8) or piston (4), said opening (35, 65, 135) being closable by a closing element (36, 66, 136) for interrupting the lubricant supply. The lubricant injection device further contains a lubricant heating element (38, 68, 138) for heating the lubricant in the passage (32, 62, 132).

IPC 8 full level
F01M 1/08 (2006.01); **F01M 5/00** (2006.01)

CPC (source: EP KR)
F01M 1/06 (2013.01 - KR); **F01M 1/08** (2013.01 - EP KR); **F01M 5/001** (2013.01 - EP); **F01P 3/08** (2013.01 - KR); **F01M 2001/083** (2013.01 - EP)

Cited by
EP3287616A1; US2018058278A1; CN107782385A; AT518991A4; AT518991B1; DK178732B1; EP3433473A4; WO2017162253A1; US10753240B2

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