

Title (en)

SLIDE SHOE FOR A PISTON FOR USE IN INTERNAL COMBUSTION ENGINES

Title (de)

GLEITSCHUH FÜR EINEN KOLBEN ZUM EINSATZ IN BRENNKRAFTMASCHINEN

Title (fr)

COULISSEAU POUR PISTON DANS DES MOTEURS A COMBUSTION INTERNE

Publication

**EP 3008318 B1 20221102 (DE)**

Application

**EP 14731587 A 20140613**

Priority

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Abstract (en)

[origin: WO2014198891A1] The invention relates to a piston (1) of an internal combustion engine, wherein the piston (1) comprises a slide shoe (4) mounted in a force accumulator (5) and said slide shoe (4) has a channel (10) for transferring cooling oil into a hollow space (11), characterized in that the force accumulator (5) is arranged in a channel (12) formed by, in particular, the piston (1) and the slide shoe (4) is partially guided within the force accumulator (5).

IPC 8 full level

**F02F 3/22** (2006.01)

CPC (source: EP US)

**F02F 3/22** (2013.01 - EP US); **F02F 3/0015** (2013.01 - US); **F02F 3/28** (2013.01 - US); **F02F 3/285** (2013.01 - US)

Citation (examination)

- DE 4018252 A1 19911212 - MAN B & W DIESEL AG [DE]
- FR 2371581 A1 19780616 - NAT RES DEV [GB]
- GB 2033525 A 19800521 - FORD MOTOR CO
- US 2442408 A 19480601 - BRADLEY GRAHAM ERIC
- US 2369906 A 19450220 - MOORE GEORGE L

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**DE 102014211357 A1 20141218**; CN 105283656 A 20160127; CN 105283656 B 20190115; EP 3008318 A1 20160420; EP 3008318 B1 20221102; US 10047694 B2 20180814; US 2016146151 A1 20160526; WO 2014198891 A1 20141218

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