

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 A1 20160420 (DE)**

Application

**EP 14731587 A 20140613**

Priority

- DE 102013211215 A 20130614
- EP 2014062370 W 20140613

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 (search report)

See references of WO 2014198891A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**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

DOCDB simple family (application)

**DE 102014211357 A 20140613**; CN 201480033703 A 20140613; EP 14731587 A 20140613; EP 2014062370 W 20140613; US 201414898395 A 20140613