

Title (en)

Cylinder liner with deposit wiping face

Title (de)

Zylinderlaufbuchse mit Oberfläche zum Abwischen von Ablagerungen

Title (fr)

Revêtement de cylindre avec face d'essuyage de dépôt

Publication

EP 2905454 A1 20150812 (EN)

Application

EP 14154562 A 20140210

Priority

EP 14154562 A 20140210

Abstract (en)

The present disclosure relates to a cylinder liner (8) for guiding a piston (10) of an internal combustion engine (1), and to a method for assembling the internal combustion engine (1). The cylinder liner (8) may comprise a sleeve (24) for guiding the piston (10) therein. The cylinder liner (8) may further comprise a circumferential wiper contact face (30) for scraping off deposits from the piston (10) during operation. The wiper contact face (30) may at least partially protrude towards a longitudinal axis (B) of the sleeve (24) relative an inner face of the sleeve (24). The wiper contact face (30) may have an oval shape.

IPC 8 full level

F02F 1/00 (2006.01)

CPC (source: EP)

F02F 1/004 (2013.01); **F02F 2001/006** (2013.01)

Citation (search report)

- [XYI] DE 102011012507 A1 20120830 - KS KOLBENSCHMIDT GMBH [DE]
- [Y] CN 202645749 U 20130102 - WUHU EIDSON AUTOMATION EQUIPMENT CO LTD
- [A] DE 4229092 C1 19930909
- [A] US 2009095248 A1 20090416 - KUMAR YOGESH [IN], et al

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)

EP 2905453 A1 20150812; CN 204511677 U 20150729; EP 2905454 A1 20150812

DOCDB simple family (application)

EP 14000471 A 20140211; CN 201520089331 U 20150209; EP 14154562 A 20140210