

Title (en)
CUFF-RING FOR A CYLINDER LINER

Title (de)
RING FÜR EINE ZYLINDERLAUFBUCHSE

Title (fr)
INSERT ANNULAIRE POUR CHEMISE DE CYLINDRE

Publication
EP 3043054 A1 20160713 (EN)

Application
EP 15150637 A 20150109

Priority
EP 15150637 A 20150109

Abstract (en)
The present disclosure relates to a cuff-ring (12) for a cylinder liner (3) of an internal combustion engine (1). The cuff-ring (12) may comprise a cuff-ring axis (A), a circumferential outer side (13) extending about the cuff-ring axis (A) and configured to contact the cylinder liner (3), a circumferential inner side (14) extending about the cuff-ring axis (A) and being configured to scrape off deposits accumulated on a piston (2) of the internal combustion engine (1). The cuff-ring (12) may further comprise a top end (17) extending in radial direction between the circumferential inner side (14) and the circumferential outer side (13), and a bottom end (23) opposite the top end (17). The top end (17) may include at least one of a protrusion (18) or a recess (25).

IPC 8 full level
F02F 1/00 (2006.01)

CPC (source: EP)
F02F 1/004 (2013.01); **F02F 2001/006** (2013.01)

Citation (applicant)
US 6164260 A 20001226 - BOCK ALLYN P [US]

Citation (search report)
• [X] US 4474147 A 19841002 - HOOPES TED R [US]
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• [X] US 2012240883 A1 20120927 - MCGIFFIN IAN [US], et al
• [X] DE 10121852 A1 20021114 - MAN B & W DIESEL AG [DE]
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Cited by
CN109869239A; EP3670882A1; WO2021219221A1; DE102021128654A1; US11346301B1

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

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BA ME

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