

Title (en)

Device for coating cylinder walls of engine blocks

Title (de)

Anordnung zum Schutz von Zylinderwandungen von Motorblöcken

Title (fr)

Dispositif pour l'application d'une couche sur les parois-cylindres des moteurs

Publication

EP 1152139 B1 20040721 (DE)

Application

EP 01810257 A 20010314

Priority

CH 8622000 A 20000503

Abstract (en)

[origin: US2001029886A1] Disclosed is an apparatus for protecting the walls of a row of cylinders of an engine block from contamination when the walls of the other row of cylinders of the engine block are thermally coated. For this purpose, the apparatus comprises a plurality of inflatable hollow body members that can be moved into the interior of the cylinders whose walls are to be protected and inflated once they are in position in the interior of the particular cylinders. The hollow body members comprise a dimensionally stable inner sleeve member that is enclosed by an inflatable elastic envelope member. The inflatable hollow body members are arranged in two groups located opposite to each other.

IPC 1-7

F02B 77/02; **C23C 4/00**; **C23C 4/16**

IPC 8 full level

F02F 1/00 (2006.01); **C23C 4/01** (2016.01); **C23C 4/16** (2016.01); **F02B 77/02** (2006.01)

CPC (source: EP KR US)

C23C 4/01 (2016.01 - EP US); **C23C 4/12** (2013.01 - KR); **C23C 4/16** (2013.01 - EP US); **F02B 77/02** (2013.01 - EP US)

Cited by

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US 2001029886 A1 20011018; **US 6572704 B2 20030603**; AT E271652 T1 20040815; DE 50102898 D1 20040826; EP 1152139 A1 20011107; EP 1152139 B1 20040721; JP 2002080953 A 20020322; JP 2006265737 A 20061005; JP 3889936 B2 20070307; KR 100702075 B1 20070402; KR 20010100957 A 20011114

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