

Title (en)

METHOD AND ARRANGEMENT FOR THERMALLY COATING THE SURFACES OF AN INNER AREA, ESPECIALLY CYLINDER BEARING SURFACES IN A CYLINDER CRANKCASE IN AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND ANORDNUNG ZUM THERMISCHEN BESCHICHTEN VON FLÄCHEN EINES INNENRAUMES, INSBESONDERE VON ZYLINDERLAUFFLÄCHEN EINES ZYLINDERKURBELGEHÄUSES EINER VERBRENNUNGSKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF D'APPLICATION THERMIQUE DE REVETEMENT SUR DES SURFACES D'UN ESPACE INTERNE, EN PARTICULIER SUR DES SURFACES SUR LESQUELLES SE DEPLACE LE PISTON, D'UN BLOC-CYLINDRES D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1153154 B1 20031105 (DE)

Application

EP 99963378 A 19991203

Priority

- DE 19860303 A 19981218
- DE 19910577 A 19990310
- EP 9909456 W 19991203

Abstract (en)

[origin: WO0037703A1] The invention relates to a method and device for thermally coating the surfaces of an inner area, especially the cylinder bearing surfaces of a cylinder crankcase. The cylinder crankcases are fed to a processing station where the surfaces to be coated are pretreated and said surfaces are then thermally coated. The areas of the cylinder crankcase that should not be treated in said processing station are covered (masked) before pretreatment and/or coating is carried out.

IPC 1-7

C23C 4/00; B05B 13/06

IPC 8 full level

B05B 13/06 (2006.01); **C23C 4/00** (2006.01)

CPC (source: EP)

B05B 13/0636 (2013.01); **C23C 4/01** (2016.01)

Cited by

DE102010053145A1; DE102010053145B4

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0037703 A1 20000629; EP 1153154 A1 20011114; EP 1153154 B1 20031105

DOCDB simple family (application)

EP 9909456 W 19991203; EP 99963378 A 19991203