

Title (en)

Method for machining surfaces, especially running faces of combustion-engine cylinders

Title (de)

Verfahren zum Bearbeiten von Oberflächen, insbesondere von Zylinderlaufflächen an Brennkraftmaschinen

Title (fr)

Procédé d'usinage de surfaces, en particulier de surfaces de contact de cylindres de moteurs à combustion interne

Publication

EP 1103344 B1 20080102 (DE)

Application

EP 00122286 A 20001020

Priority

DE 19956306 A 19991120

Abstract (en)

[origin: EP1103344A2] The method proposes that after a coating of hard material containing silicon or wolfram has been applied to the cylinder surface the surface is honed. With a very fine honing tool a further honing operation takes place to expose the crystals of the harder material. A further honing then takes place to provide the surface with a microstructure finish

IPC 8 full level

B24B 33/02 (2006.01); **B24B 1/00** (2006.01)

CPC (source: EP)

B24B 1/00 (2013.01); **B24B 33/02** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1103344 A2 20010530; EP 1103344 A3 20031001; EP 1103344 B1 20080102; AT E382452 T1 20080115; DE 19956306 A1 20010523; DE 19956306 B4 20100211; DE 50014890 D1 20080214

DOCDB simple family (application)

EP 00122286 A 20001020; AT 00122286 T 20001020; DE 19956306 A 19991120; DE 50014890 T 20001020