

Title (en)

Process for producing a cylinder liner and the thus produced cylinder liner

Title (de)

Verfahren zur Herstellung einer Zylinderlaufbuchse sowie die herstellbare Zylinderlaufbuchse

Title (fr)

Procédé à produire une chemise de cylindre et la chemise ainsi produit

Publication

EP 0990475 B1 20031217 (DE)

Application

EP 99115940 A 19990813

Priority

DE 19845347 A 19981002

Abstract (en)

[origin: EP0990475A1] The cylinder liner, for the cylinders in the motor block for an internal combustion motor, is applied by thermal spraying with a mandrel forming a mold body. The cylinder wall (2) has different wall thicknesses in the peripheral direction, to form partial thickened wall reinforcements (3). The molding mandrel is rotated constantly in relation to the thermal spray to form a cylinder liner wall (2) in a constant thickness. The mandrel is then rotated irregularly in relation to the thermal spray so that thicker wall reinforcements (3) are formed at defined points on the periphery.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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DE 19845347 C1 20000330; DE 59908080 D1 20040129; EP 0990475 A1 20000405; EP 0990475 B1 20031217; ES 2209296 T3 20040616; JP 2000110658 A 20000418; US 6182629 B1 20010206

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