

Title (en)

Method of producing a casting having roughened cooling channels

Title (de)

Verfahren zur Herstellung eines Gussteils mit aufgerauhten Kühlkanälen

Title (fr)

Procédé de fabrication d'une pièce de coulée ayant des canaux de refroidissement à rugosité accrue

Publication

EP 0945201 B1 20040121 (DE)

Application

EP 98810250 A 19980323

Priority

EP 98810250 A 19980323

Abstract (en)

[origin: EP0945201A1] The method produces a casting core for formation of a cavity for cooling medium flow within a casting during its operation. The core has surface regions with deliberately produced roughness. During casting this roughness is transferred to surfaces bounding the cooling cavity, with a resultant improvement in the heat transfer between the casting and the cooling medium.

IPC 1-7

B22C 9/18; **B22C 9/22**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DE GB

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EP 0945201 A1 19990929; **EP 0945201 B1 20040121**; DE 59810629 D1 20040226; US 6374898 B1 20020423

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