

Title (en)

Process for manufacturing a cooled precision casting

Title (de)

Verfahren zur Herstellung eines gekühlten Feingussteils

Title (fr)

Procédé de fabrication d'une pièce coulée de précision refroidie

Publication

EP 1193006 B1 20050831 (DE)

Application

EP 01115998 A 20010630

Priority

DE 10038453 A 20000807

Abstract (en)

[origin: DE10038453A1] Production of a cooled cast part of a thermal turbo machine comprises applying a wax seal to an offset between a wax model a core before producing the casting mold, the offset being located above the step to the side of the core. Preferred Features: A cooling plate with cooling holes is soldered or welded to the surface of the step. A casting process for forming single crystalline directed or non-directed solidified cast parts is used.

IPC 1-7

B22C 9/04; **B22D 27/04**; **B22C 7/02**

IPC 8 full level

B22C 7/02 (2006.01); **B22C 9/04** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

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