

Title (en)

PROCESS FOR COOLING METALLURGICAL WORKPIECES WITH MINIMIZED DEFORMATION

Publication

EP 0090749 B1 19860806 (FR)

Application

EP 83420053 A 19830324

Priority

FR 8205682 A 19820325

Abstract (en)

[origin: EP0090749A1] 1. Method of cooling basically long or flat metallurgical products (1) having a substantially constant thickness with a view to minimizing the geometric distortions without altering the use properties, characterised in that substantially half the lateral surface is covered by a layer (2) which is insulating or a poorer conductor of heat than the product to be cooled (1) before the covered surface (2) of the product is brought into contact with an aqueous cooling medium (4).

IPC 1-7

C21D 1/68; **C21D 1/62**; **B21B 45/02**

IPC 8 full level

B21B 45/02 (2006.01); **C21D 1/62** (2006.01); **C21D 1/667** (2006.01); **C21D 1/68** (2006.01)

CPC (source: EP)

C21D 1/62 (2013.01); **C21D 1/667** (2013.01); **C21D 1/68** (2013.01)

Citation (examination)

- Mem. Scient. Rev. Métallurgie LXVIII, no. 6 (1971) p. 391-400
- Int. J. Multiphase Flow, vol. 2 (1975), p. 183-190

Cited by

EP0307386A1; EP0213333A3; FR2680522A1; CN100415902C; CN104998906A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0090749 A1 19831005; **EP 0090749 B1 19860806**; AT E21268 T1 19860815; DE 3365078 D1 19860911; ES 520920 A0 19840116; ES 8402356 A1 19840116; FR 2524001 A1 19830930; FR 2524001 B1 19870220

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