

Title (en)

PROCESS FOR CASTING METALS USING MAGNETIC FIELDS

Publication

EP 0100290 B1 19851211 (FR)

Application

EP 83420125 A 19830719

Priority

FR 8213219 A 19820723

Abstract (en)

[origin: US4523628A] A process for casting metals comprising simultaneously applying a stationary magnetic field and a variable magnetic field to the molten metal in the course of solidification. The magnetic fields act in the same direction and generate radial vibrations in the metal, causing the cast metal to have an improved homogeneous structure and surface condition.

IPC 1-7

B22D 11/10

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CPC (source: EP US)

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EP 0100290 A2 19840208; **EP 0100290 A3 19840411**; **EP 0100290 B1 19851211**; AT E16901 T1 19851215; AU 1716383 A 19840126; AU 561201 B2 19870430; CA 1203070 A 19860415; DE 3361490 D1 19860123; FR 2530511 A1 19840127; FR 2530511 B1 19850705; JP S5935864 A 19840227; JP S645984 B2 19890201; SU 1342406 A3 19870930; US 4523628 A 19850618

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