

Title (en)

Method and apparatus for cooling foundry castings

Title (de)

Verfahren und Vorrichtung zum Abkühlen von Gussstücken

Title (fr)

Procédé et dispositif pour refroidir les pièces coulées

Publication

**EP 1582600 A1 20051005 (EN)**

Application

**EP 04425218 A 20040329**

Priority

EP 04425218 A 20040329

Abstract (en)

A method and apparatus for cooling foundry castings, characterised in that it comprises the steps of: forming a cooling fog by nebulising a flow of water, exposing a substantial part of the external surface of the casting (16) to said cooling fog, measuring the temperature of the casting (16), and interrupting the exposure of the casting (16) to the cooling fog when the measured temperature drops below the predetermined threshold.

IPC 1-7

**C21D 1/667**; B22D 30/00; C21D 1/56

IPC 8 full level

**B22D 27/04** (2006.01); **B22D 30/00** (2006.01); **C21D 1/60** (2006.01); **C21D 1/667** (2006.01); **C21D 1/56** (2006.01)

CPC (source: EP US)

**B22D 30/00** (2013.01 - EP US); **C21D 1/60** (2013.01 - EP US); **C21D 1/667** (2013.01 - EP US); **C21D 1/56** (2013.01 - EP US)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 0113, no. 07 (C - 450) 7 October 1987 (1987-10-07)
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