

Title (en)

PROCESS FOR INFLUENCING THE STRUCTURE OF CRYSTALLIZING FLUIDS AND ITS USE

Publication

**EP 0457257 A3 19920226 (DE)**

Application

**EP 91107754 A 19910514**

Priority

CH 167690 A 19900517

Abstract (en)

[origin: EP0457257A2] A process is proposed for influencing the structure of fluids crystallising in a container. In this process, an agent which influences the freezing process is applied to the contact surface between the container and the fluid. The process makes it possible to influence the crystallising solidification of a fluid in such a way that the properties of the solidification structure can be adjusted in a controlled manner. <IMAGE>

IPC 1-7

**B22C 3/00**

IPC 8 full level

**B22C 3/00** (2006.01)

CPC (source: EP)

**B22C 3/00** (2013.01)

Citation (search report)

- [X] US 3113360 A 19631210 - NEFF JR PAUL J, et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 226 (M-412)(1949) 12. September 1985 & JP-A-60 083 738 ( KOGYO GIJUTSUIN ) 13. Mai 1985
- [X] FOUNDRY TRADE JOURNAL Bd. 152, Nr. 3231, Februar 1982, BRIGHTON Seiten 166 - 171; BUTLIN ET AL.: 'Use of Mould Washes containing Tin and Antimony to regulate the Surface Structure of Cored Castings'
- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 1189 (M-475)(2175) 2. Mai 1986 & JP-A-60 247 437 ( NISSAN KAGAKU KOGYO ) 7. Dezember 1985
- [X] JAPS, Japanisches Patentamt , Tokyo,JP; Zusammenfassungs Datum: 08-05-89 &JP-A-1015246 (KAO CORP) 19-01-89

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