

Title (en)

CONTROL OF THE TEMPERATURE DISTRIBUTION OF A MOULD AND OF CAST OR MOULDED PARTS PRODUCED THEREBY

Publication

EP 0332470 A3 19901010 (EN)

Application

EP 89302414 A 19890310

Priority

PT 8695488 A 19880311

Abstract (en)

[origin: EP0332470A2] In order to control the temperature distribution of a permanent mould (and optionally of the casting or moulding itself), one or more optical pyrometers scan the surface areas of the mould and, if necessary, also the surface of a casting or moulding after its removal from the mould, and operate a blowing system that will cool or heat those areas so that desired temperatures are obtained according to the temperature readings at each area.

IPC 1-7

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IPC 8 full level

B22D 17/22 (2006.01); **B22D 17/32** (2006.01); **B29C 45/78** (2006.01)

CPC (source: EP)

B22D 17/2218 (2013.01); **B22D 17/32** (2013.01)

Citation (search report)

- [X] US 3506060 A 19700414 - ANDREWS ROBERT S L
- [A] FR 2085409 A1 19711224 - PONT A MOUSSON
- [XP] EP 0286977 A2 19881019 - ITALIMPIANTI [IT]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 16 (M-187)[1161], 22nd January 1983; & JP-A-57 171 565 (HITACHI KINZOKU K.K.) 22-10-1982

Cited by

EP0941788A3; WO2009106689A1; DE202011003399U1; DE102012202808A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0332470 A2 19890913; **EP 0332470 A3 19901010**; **EP 0332470 B1 19931027**; AT E96351 T1 19931115; DE 68910156 D1 19931202; PT 86954 A 19900330; PT 86954 B 19940729

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