

Title (en)

LIGHT MOULDS, PATTERNS AND TOOLS ON GYPSUM BASE

Publication

EP 0467025 A3 19921209 (DE)

Application

EP 91106674 A 19910425

Priority

DE 4023085 A 19900720

Abstract (en)

[origin: EP0467025A2] The present invention relates to light-weight gypsum-based moulds, patterns and dies which are suitable in particular for the automotive, aircraft and shipbuilding industry and the sanitary and building sector, and to a process for their production. The essential characteristic of the invention is that absorptive, resilient reinforcing materials which are impregnated with a low-viscosity gypsum slurry and removed from the mould after setting are used for the production of the laminates. Particularly suitable reinforcing materials are fleeces and glass fibre mats. The moulds, patterns and dies produced by this process are particularly light but nevertheless very stable.

IPC 1-7

B22C 1/18; **B22C 9/00**

IPC 8 full level

B22C 1/18 (2006.01); **B22C 7/00** (2006.01); **B22C 9/00** (2006.01)

CPC (source: EP)

B22C 1/18 (2013.01); **B22C 7/00** (2013.01); **B22C 9/00** (2013.01)

Citation (search report)

- [AD] EP 0203333 A2 19861203 - GIULINI CHEMIE [DE]
- [AD] EP 0124801 A2 19841114 - GIULINI CHEMIE [DE]
- [A] US 4645548 A 19870224 - TAKE TAKAO [JP], et al
- [A] DE 2613976 A1 19771013 - KNAUF WESTDEUTSCHE GIPS
- [X] WPI DATABASE, Derwent Publications Ltd., GB, London; AN 77-59960YÄ34Ü Week 7734 &JP-A-52081320 (YOKOHAMA RUBBER KK ET AL) 7 July 1977 * Zusammenfassung *
- [XP] PATENT ABSTRACTS OF JAPAN vol. 15, no.217 (M-1120) 1991 &JP-A-3063106 (NIPPON SHEET GLASS CO LTD) 19 March 1991 * Zusammenfassung *

Cited by

EP1106588A1; WO2014174232A1

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