

Title (en)

MOULDING DEVICE WITH VARIABLE POROSITY FOR MAKING FOUNDRY SAND MOULDS, AND METHOD FOR ITS MANUFACTURE

Publication

**EP 0316978 B1 19920122 (DE)**

Application

**EP 88202375 A 19881020**

Priority

DE 3735751 A 19871022

Abstract (en)

[origin: WO8903736A1] Form tool for manufacturing casting moulds from moulding sand, process for its manufacture, and its advantageous use. A form tool for manufacturing sand moulds by chemical hardening of the moulding sand by means of reaction gases has a wall with a novel open-pore, heteroporous structure. The wall has a narrow, fine-pore region (3) which comes in contact with the moulding sand and which is in direct contact with a large-pore supporting skeleton (4).

IPC 1-7

**B22C 7/06**; **B22C 9/12**

IPC 8 full level

**B22C 7/00** (2006.01); **B22C 7/06** (2006.01); **B22C 9/12** (2006.01)

CPC (source: EP KR US)

**B22C 5/18** (2013.01 - KR); **B22C 7/06** (2013.01 - EP US); **B22C 9/123** (2013.01 - EP US)

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**EP 0316978 A1 19890524**; **EP 0316978 B1 19920122**; AT E71862 T1 19920215; DE 3735751 A1 19890503; DE 3735751 C2 19890831; DE 3868014 D1 19920305; EP 0342209 A1 19891123; ES 2029000 T3 19920716; JP 2851293 B2 19990127; JP H02501721 A 19900614; KR 890701245 A 19891219; US 5190094 A 19930302; WO 8903736 A1 19890505

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