

Title (en)  
METHOD FOR RAMMING MOULDING SAND

Publication  
**EP 0319453 A3 19900516 (DE)**

Application  
**EP 88710050 A 19881130**

Priority  
DE 3740611 A 19871201

Abstract (en)  
[origin: EP0319453A2] The invention relates to a method for ramming foundry sand in a moulding box which is placed on a pattern plate provided with a pattern and holes for the passage of air. After the foundry sand has been introduced loosely into the moulding box, it is acted upon briefly by compressed air and then compressed by means of a press. In known methods, it was either impossible or possible only at great expense to compact the foundry sand sufficiently to achieve a good casting surface, particularly at critical points of the pattern to be moulded. According to the invention, air is passed through the sand during the pressing operation. A method according to the invention can be employed in the production of all types of sand moulds.

IPC 1-7  
**B22C 15/08**

IPC 8 full level  
**B22C 15/08** (2006.01)

CPC (source: EP)  
**B22C 15/08** (2013.01)

Citation (search report)  
• [A] DE 3034653 A1 19820429 - BUDERUS AG [DE]  
• [A] US 4620584 A 19861104 - WITT RAYMOND H [US]  
• [A] GIESSEREI

Cited by  
EP0673698A1

Designated contracting state (EPC)  
AT CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0319453 A2 19890607; EP 0319453 A3 19900516; EP 0319453 B1 19911227**; AT E70750 T1 19920115; DE 3740611 A1 19890615; DE 3740611 C2 19980723

DOCDB simple family (application)  
**EP 88710050 A 19881130**; AT 88710050 T 19881130; DE 3740611 A 19871201