

Title (en)  
DEVICE FOR PRODUCING MOULDS

Publication  
**EP 0067413 B1 19841219 (DE)**

Application  
**EP 82105047 A 19820609**

Priority  
DE 3123363 A 19810612

Abstract (en)  
[origin: EP0067413A1] 1. Apparatus for the vacuum-forming process for producing casting moulds from refractory backfill material free of binding agent, which is contained between sheets and which is consolidated by vacuum created inside the backfill material, with a mould box (2) which in at least one wall (5, 6) has a vacuum manifold (3) and at least one vacuum duct (8) which is arranged in the mould cavity of the mould box receiving the backfill material (10), which is operatively connected to the vacuum manifold (3) and has evacuation openings spaced apart on its periphery, characterised in that through a screen surface (4) the vacuum manifold (3) is open towards the mould cavity, and in that at at least one end face (9) the vacuum duct (8) is likewise provided with a screen surface (13) and is so disposed in the mould box (2) that its screen surface (13) lies opposite the screen surface (4) of the mould box (2) at a distance which allows the admission of backfill material.

IPC 1-7  
**B22C 9/00**; **B22C 15/22**; **B22C 21/00**; **F16L 55/24**

IPC 8 full level  
**B22C 9/00** (2006.01); **B22C 9/03** (2006.01); **B22C 21/00** (2006.01); **F16L 55/24** (2006.01)

CPC (source: EP)  
**B22C 9/03** (2013.01)

Cited by  
FR2649916A1; CN102189231A

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

DOCDB simple family (publication)  
**EP 0067413 A1 19821222**; **EP 0067413 B1 19841219**; AT E10813 T1 19850115; DE 3123363 C1 19821104

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