

Title (en)  
MOULDING MACHINE FOR PRODUCING MOULDS OR CORES FROM MOULDING SAND

Publication  
**EP 0128974 B1 19861015 (DE)**

Application  
**EP 83200879 A 19830616**

Priority  
EP 83200879 A 19830616

Abstract (en)  
[origin: EP0128974A1] 1. A moulding machine for producing casting moulds or casting cores from moulding sand by vacuum injection, the machine comprising : a moulding box or core box (1) having a baseplate (4) and a top plate (12) and formed with slit-like nozzles (3, 5, 13) ; clamping jaws (8) engaging the moulding or core box (1) laterally ; and a lifting table (7) pressing the moulding or core box (1) into engagement with a sand filler (10 or 44), the sand filler (10 or 44) having an injection head (11) or a fluidizing head (46) and a gassing plate (35), the latter being adapted to be pushed over the moulding or core box (1), the plate (35) being connectable by way of valves (39, 40) to a supply of carrier gas or to scavenging air, the slit-like nozzles (3, 5, 13) being connected by way of a suction line (24) to a vacuum device, characterised in that individual auxiliary suction lines connected to the slit-like nozzles (3, 5, 13) extend to a tubular main (23) connected, by way of the suction line (24) and of an associated valve (25) and also by way of a parallel auxiliary suction line (28, 31) having a control valve (32) and an absorber (30), to a vacuum tank (26).

IPC 1-7  
**B22C 15/22**; **B22C 15/24**; **B22C 15/26**; **B22C 9/10**; **B22C 9/12**

IPC 8 full level  
**B22C 9/12** (2006.01); **B22C 15/23** (2006.01)

CPC (source: EP)  
**B22C 9/123** (2013.01); **B22C 15/23** (2013.01)

Citation (examination)  
EP 0036434 A1 19810930 - BUEHLER EUGEN

Cited by  
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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0128974 A1 19841227**; **EP 0128974 B1 19861015**; AT E22825 T1 19861115; DE 3366853 D1 19861120

DOCDB simple family (application)  
**EP 83200879 A 19830616**; AT 83200879 T 19830616; DE 3366853 T 19830616