

Title (en)  
Installation of and method for producing foundry moulds with granulated material.

Title (de)  
Vorrichtung und Verfahren zur Herstellung von granuliertem Material.

Title (fr)  
Dispositif et procédé de fabrication de moules de fonderie en matériau granulaire.

Publication  
**EP 0497650 B1 19940727 (FR)**

Application  
**EP 92400134 A 19920120**

Priority  
FR 9101180 A 19910201

Abstract (en)  
[origin: JPH04313444A] PURPOSE: To provide a device for a negative pressure molding type which is provided with caissons for supporting pattern-plates and reduces the course and quantity of motion and a method therefor. CONSTITUTION: This device includes the frame 10 with an aperture 11 for supporting the caissons 30, 40 having large compartments 32, 42 having fitting grooves 321, 421 for fitting the pattern-plates 50, 60 and small compartments 33, 43 having suction ports via a stationary shaft. These caissons are connected to a vacuum source by flexible piping 322, 422, 332, 432 controlled by electromagnetic type control valves 323, 423, 333, 433. The assembly is arranged around the framing having hollow ribs and filters connected to the vacuum source by a set port together with thermal moldings of polymer films 91, 92.

IPC 1-7  
**B22C 9/00**; **B22C 15/22**

IPC 8 full level  
**B22C 9/03** (2006.01); **B22C 21/01** (2006.01)

CPC (source: EP US)  
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AT BE CH DE ES FR GB IT LI NL PT SE

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**EP 0497650 A1 19920805**; **EP 0497650 B1 19940727**; AT E109045 T1 19940815; DE 69200262 D1 19940901; DE 69200262 T2 19950309; ES 2061318 T3 19941201; FR 2672233 A1 19920807; FR 2672233 B1 19930507; JP 2740702 B2 19980415; JP H04313444 A 19921105; US 5219014 A 19930615

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