

Title (en)
Manufacturing of powdered material

Title (de)
Herstellung von pulverförmigen Material

Title (fr)
Fabrication de matières pulvérentes

Publication
EP 1283097 A3 20030319 (EN)

Application
EP 02023590 A 19971017

Priority
• EP 97945854 A 19971017
• IT MO960151 A 19961122
• IT MO970004 A 19970116
• IT MO970005 A 19970116

Abstract (en)
[origin: WO9823424A2] A method for pressing powdered material to obtain tiles, comprising distributing powders (1) on flexible conveyor means (3) and advancing said powders along a direction of advance through a pressing station (13), containing said powders on said conveyor means (3) by containing means in said pressing station (13), pressing said powders (1) in said pressing station (13), characterized in that said containing means act on the powders to be pressed during said advancing and those containing means continue to act during said pressing. The compacted layer (14) is transferred towards mould means (4) and a portion (22) of the compacted layer (14) is severed and pressed by descending the punch (18) towards the bottom portion (19) at the mould means (4).

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B28B 1/10; B28B 3/12; B28B 5/02; B30B 5/04

IPC 8 full level
B28B 1/00 (2006.01); **B28B 1/10** (2006.01); **B28B 1/16** (2006.01); **B28B 3/00** (2006.01); **B28B 3/02** (2006.01); **B28B 3/12** (2006.01); **B28B 5/02** (2006.01); **B28B 11/14** (2006.01); **B28B 13/02** (2006.01); **B30B 5/04** (2006.01)

IPC 8 main group level
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CPC (source: EP)
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Citation (search report)
• [X] US 2195683 A 19400402 - ROSS DAVID E, et al
• [XA] FR 2640544 A1 19900622 - COMBE DANIEL [FR]
• [A] US 5145627 A 19920908 - BERION ROLAND [FR], et al
• [XA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 256 (M - 0980) 4 June 1990 (1990-06-04)

Cited by
WO2009010361A1; ITPD20110104A1; US2021114254A1; EP1500480A3; CN110193968A; WO2012137066A1; WO2016046724A1

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EP 9705742 W 19971017; AU 5120198 A 19971017; DE 69736362 T 19971017; DE 69736496 T 19971017; DE 69738589 T 19971017; DE 69738916 T 19971017; EP 01119708 A 19971017; EP 01119709 A 19971017; EP 01119710 A 19971017; EP 02023590 A 19971017; EP 97945854 A 19971017; ES 01119708 T 19971017; ES 01119709 T 19971017; ES 01119710 T 19971017; ES 02023590 T 19971017; IT MO960151 A 19961122; PT 01119710 T 19971017; PT 02023590 T 19971017