Title (en)
Distributing means for distributing powder material

Title (de)
Verteilervorrichtung für pulverförmiges Material

Title (fr)
Dispositif pour distribuer des matières pulvérulentes

Publication
EP 1170104 A2 20020109 (EN)

Application
EP 01119709 A 19971017

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

Abstract (en)
Distributing means for distributing powdered product (6, 8, 8a) to decorate ceramic tiles comprises conveyor means (212, 213, 214) provided with hollow means (210, 215) which is open outwardly to contain parts of said product (6, 8, 8a) and closing means (3c, 6, 208, 208a, 217, 218a, 220) for closing said hollow means (210, 215) arranged to prevent said parts from exiting out of said hollow means (210, 215) along a predetermined portion of said conveyor means (212, 213, 214). <IMAGE>

IPC 1-7
B28B 13/02; B28B 5/02; B28B 3/00; B28B 1/16

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
B28B (2006.01)

CPC (source: EP)
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Cited by
WO2006045728A1; KR101238523B1; CN107398987A; IT202100024588A1; EP1419863A3; EP1454727A3; CN1332796C; WO2005025828A1; US7837454B2; US8337947B2; EP2687347A2

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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