

Title (en)
Impression device for silk-screen printing machines

Title (de)
Druckvorrichtung für Siebdruckmaschinen.

Title (fr)
Dispositif d'impression pour machines de sérigraphie.

Publication
EP 1157832 A1 20011128 (EN)

Application
EP 00110347 A 20000515

Priority
EP 00110347 A 20000515

Abstract (en)
The impression device (1; 21; 41) for so-called continuous silkscreen printing machines for ceramic tiles (9) comprises a drum (2; 22; 42) which carries screens (3; 23; 43) and in the interior of which there is mounted a blade distributor unit (4; 24; 44) for enamels (S). The drum (2; 22; 42) is motor-driven to rotate in both directions of rotation (A, B) through arcs of predefinable width, means (8; 28) being provided to support and vertically position the blade distributor unit (4; 24; 44) within the drum (2; 22; 42) at at least three predefined levels, namely an inactive first position (q1) in which it is raised from the screens (3; 23; 43), a decorating second position in which it is in sliding contact with the screens (3; 23; 43), and an intermediate third position (q2) in which it spreadingly dispenses the enamel onto the screens. <IMAGE>

IPC 1-7
B41F 15/42; **B41F 15/08**

IPC 8 full level
B41F 15/08 (2006.01); **B41F 15/42** (2006.01)

CPC (source: EP)
B41F 15/0809 (2013.01); **B41F 15/42** (2013.01); **B41P 2215/56** (2013.01)

Citation (search report)
• [A] EP 0909644 A1 19990421 - MAKER DI VINCENZI MAURIZIO [IT]
• [A] EP 0974458 A1 20000126 - BORGMANN ROB [BE]

Cited by
EP1336480A1; EP1946925A3; EP2014466A3; CN104470722A; EP1266757A3; EP1219418A3; DE102012002848A1; DE102012002848B4; US8714083B2; US9757937B2; WO2014012700A1

Designated contracting state (EPC)
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