

Title (en)
Ceramic double-loading carriage

Title (de)
Schieber zur Zweistufenbefüllung für Keramik

Title (fr)
Chariot de remplissage double pour céramique

Publication
EP 1323510 A1 20030702 (EN)

Application
EP 02080078 A 20021206

Priority
IT RE20010123 A 20011220

Abstract (en)
A loading carriage for ceramic moulds which present at least one forming cavity (4) defined by a lower die (5) comprises a reciprocating powder guide screen (9) arranged to slide between a withdrawn position in which it lies above an underlying horizontal slide table (1) coplanar with the mouth of said cavity, and an advanced position in which it lies above said cavity, and presenting a rectangular aperture (10) the minor and major sides of which are positioned respectively transversely and parallel to the direction of travel of said screen and are respectively substantially equal to and greater than the corresponding dimensions of said cavity, on said screen there being positioned a rear dispenser (14) and a front dispenser (15) which are intended to contain respectively at least one first material (140) and at least one second material (150) generally in the form of powders and having generally different characteristics, said dispensers being arranged to move relative to said aperture, when this is stationary above said cavity, in such a manner that said rear dispenser deposits into said cavity a layer of said at least one first material, and said rear dispenser deposits onto said layer of at least one first material a layer of said at least one second material, which remains retained by the walls of said aperture (10) until the final lowering of said lower die (5). <IMAGE>

IPC 1-7
B28B 13/02

IPC 8 full level
B28B 13/02 (2006.01)

CPC (source: EP)
B28B 13/022 (2013.01); **B28B 13/023** (2013.01); **B28B 13/026** (2013.01)

Citation (search report)
• [X] EP 0909622 A1 19990421 - LB OFFICINE MECCANICHE SPA [IT]
• [A] EP 0894591 A1 19990203 - ARIOSTEA S P A [IT], et al
• [A] EP 0444730 A2 19910904 - LB OFFICINE MECCANICHE SPA [IT]

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