

Title (en)
Sand mote or mould conveying system

Title (de)
Transportsystem für kastenlose Formen und Formen mit Kasten

Title (fr)
Système de transport pour les mottes et pour les moules

Publication
EP 0849019 A1 19980624 (EN)

Application
EP 97500216 A 19971216

Priority
ES 9602703 A 19961219

Abstract (en)
The system is designed for conveying sand moulds or motes (3) from the exit from a moulding machine (2) up to the drawing area (4), conveyance taking place with the motes (3) lying on carriages (5) that travel on wheels (6) provided in the structure (1) as such of the installation. The transfer of motes (3) from the moulding machine (2) to the carriages (5) and from the carriages to the drawing area (4) takes place with the assistance of respective comb-like platforms (7) and (7') that complement longitudinal projections and grooves on the carriages (5), in order for the motes (3) to lie at such areas on the plane determined by the top edges of both the profiles constituting the combs (7) and (7') and the respective edges of the carriage (5) projections, the carriages being moved in a closed circuit, in a top row or level loaded with the motes (3) and in a bottom return row or level empty, lifting (8) and lowering (8') devices being provided to position the carriages (5) at the comb (7) and (7') areas. <IMAGE>

IPC 1-7
B22D 33/00; **B22C 11/10**

IPC 8 full level
B22C 11/10 (2006.01); **B22D 33/00** (2006.01)

CPC (source: EP)
B22C 11/10 (2013.01); **B22D 33/005** (2013.01)

Citation (search report)
• [A] DE 2138578 A1 19730222 - BANGOR PUNTA OPERATIONS INC
• [DA] EP 0693337 A1 19960124 - FISCHER GEORG GIESSEREIANLAGEN [CH]

Cited by
CN106180595A

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