

Title (en)
CLOSURE PLATE, AND A SLIDING CLOSURE ON THE SPOUT OF A CONTAINER CONTAINING MOLTEN METAL

Title (de)
VERSCHLUSSPLATTE SOWIE EIN SCHIEBEVERSCHLUSS AM AUSGUSS EINES METALLSCHMELZE ENTHALTENDEN BEHÄLTERS

Title (fr)
PLAQUE DE FERMETURE ET FERMETURE COULISSANTE SUR LE BEC DE COULÉE D'UN RÉCIPIENT CONTENANT UN MÉTAL EN FUSION

Publication
EP 2670546 A1 20131211 (DE)

Application
EP 12701680 A 20120124

Priority

- EP 11000737 A 20110131
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Abstract (en)
[origin: EP2481500A1] Locking plate (20) comprises a discharge opening (21) arranged on a central longitudinal axis of the locking plate and a closing surface emerging from the discharge opening to the two outer longitudinal sides. At least two shoulder surfaces (20a) are formed as interlocking surfaces or as centering surfaces of the locking plate on the two outer longitudinal sides, which exhibits an angle forming a plate tapering and at least outer sides are provided at the shoulder surfaces on the side of the closing surface. Locking plate (20) for a sliding closure on the spout of a metal melt containing container comprises a discharge opening (21) arranged on a central longitudinal axis of the locking plate and a closing surface emerging from the discharge opening are provided to the two outer longitudinal sides. At least two shoulder surfaces (20a) are formed as interlocking surfaces or as centering surfaces of the locking plate on the two outer longitudinal sides, which exhibits an angle (alpha , beta) forming a plate tapering to the longitudinal axis and at least outer sides are provided at the shoulder surfaces on the side of the closing surface. The outer sides exhibit a smaller angle (gamma) respectively to the longitudinal axis or are arranged parallel to the longitudinal axis. An independent claim is also included for the sliding closure comprising at least one metal frame for holding the locking plate, where many clamping elements (17a) are arranged in the metal frame so that the locking plates are firmly clamped at the shoulder surfaces.

IPC 8 full level
B22D 41/28 (2006.01); **B22D 41/34** (2006.01)

CPC (source: EP KR US)
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