

Title (en)  
CONTINUOUS CASTING MOULD

Title (de)  
STRANGGUSSKOKILLE

Title (fr)  
COQUILLE DE COULEE CONTINUE

Publication  
**EP 1441869 B1 20061108 (DE)**

Application  
**EP 02779287 A 20020902**

Priority  
• AT 15412001 A 20010928  
• EP 0209765 W 20020902

Abstract (en)  
[origin: US2004244938A1] An open-ended mold for casting metal strands with a thin slab cross section, the mold having broad-side walls which form a central widening region which extends from the mold inlet edge to the mold outlet edge and at the outlet edge opens out in a rectangular outlet cross section. To prevent to a great extent the strand from coming away from the broad-side walls, the contour of the mold cavity in the widening region is formed, as seen in sectional planes taken at right angles to the longitudinal axis of the mold, by curves which at least in partial regions form clothoids or clothoidal curves, within which sudden changes in curvature (Deltak) are minimized or reduced to zero. The curvature reduces to flat at the mold outlet edge. Other cavity surface features are disclosed.

IPC 8 full level  
**B22D 11/04** (2006.01)

CPC (source: EP US)  
**B22D 11/0408** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03028924 A1 20030410**; AT 410766 B 20030725; AT A15412001 A 20021215; AT E344704 T1 20061115; DE 50208661 D1 20061221; EP 1441869 A1 20040804; EP 1441869 B1 20061108; ES 2278060 T3 20070801; JP 2005503928 A 20050210; US 2004244938 A1 20041209

DOCDB simple family (application)  
**EP 0209765 W 20020902**; AT 02779287 T 20020902; AT 15412001 A 20010928; DE 50208661 T 20020902; EP 02779287 A 20020902; ES 02779287 T 20020902; JP 2003532230 A 20020902; US 49053804 A 20040324