

Title (en)
CONTINUOUS CASTING MOULD

Title (de)
STRANGGIESSKOKILLE

Title (fr)
COQUILLE POUR LA COULEE EN CONTINU

Publication
EP 1007246 A1 20000614 (DE)

Application
EP 97942954 A 19970920

Priority
• DE 19639295 A 19960925
• EP 9705164 W 19970920

Abstract (en)
[origin: US6273177B1] A continuous casting mold for casting strands, preferably of steel, includes mold plates and water boxes, and a connecting plate for connecting each mold plate to one of the water boxes. A water cooling system is formed by water conduits between the mold plates and the water boxes, wherein the water conduits are arranged in a side of the water box facing the mold plate and not in the mold plate. The water box and the connecting plate of the water box are joined together by connecting screws and nuts, wherein the connecting screws are arranged in the mold plate and the nuts are arranged on the water box. The connecting screws have internal cooling ducts and the internal cooling ducts are connected to the water conduits.

IPC 1-7
B22D 11/04

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/055** (2006.01)

CPC (source: EP KR US)
B22D 11/04 (2013.01 - KR); **B22D 11/055** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE DE ES FI FR GB IT NL

DOCDB simple family (publication)
US 6273177 B1 20010814; AT E212885 T1 20020215; AU 4460197 A 19980417; AU 715085 B2 20000113; CA 2267264 A1 19980402; CN 1086612 C 20020626; CN 1231625 A 19991013; DE 19639295 A1 19980326; DE 19639295 C2 19990909; DE 59706351 D1 20020321; EG 21176 A 20001231; EP 1007246 A1 20000614; EP 1007246 B1 20020206; ES 2172815 T3 20021001; KR 20000048571 A 20000725; TW 358044 B 19990511; WO 9813157 A1 19980402

DOCDB simple family (application)
US 14799400 A 20000112; AT 97942954 T 19970920; AU 4460197 A 19970920; CA 2267264 A 19970920; CN 97198195 A 19970920; DE 19639295 A 19960925; DE 59706351 T 19970920; EG 99497 A 19970925; EP 9705164 W 19970920; EP 97942954 A 19970920; ES 97942954 T 19970920; KR 19997002495 A 19990324; TW 86113676 A 19970920