

Title (en)
Mold assembly for continuous casting

Title (de)
Gussanordnung für den durchgehenden Guss

Title (fr)
Ensemble de moule pour moulage continu

Publication
EP 2572812 A1 20130327 (EN)

Application
EP 11182175 A 20110921

Priority
EP 11182175 A 20110921

Abstract (en)
The present invention provides a mold assembly (100) suitable for use in continuous casting. The mold assembly (100) includes a mold (202) delimiting a mold cavity for flow of molten metal. A cooling jacket (204) surrounds the mold (202) such that a flow gap (210) is formed there between. An intermediate tubular structure (206) surrounds the cooling jacket (204) and is coupled thereto through first coupling means (214). A housing assembly (208) encloses the mold (202) such that an enclosed space is formed between the housing assembly (208) and the mold (202). The intermediate tubular structure (206) and the housing assembly (208) are coupled using second coupling means (216).

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

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

Citation (applicant)
US 4807691 A 19890228 - SCHNEIDER HEINZ [DE], et al

Citation (search report)
• [XAI] DE 3207149 C1 19830707 - MANNESMANN AG
• [X] EP 0263779 A2 19880413 - MANNESMANN AG [DE]
• [X] US 3527287 A 19700908 - HUBER HORST
• [X] DE 2448275 A1 19750424 - SIDERURGIE FSE INST RECH
• [X] GB 954330 A 19640402 - BOEHLER & CO AG GEB
• [X] FR 2442092 A1 19800620 - ROTELEC SA
• [X] WO 2007096420 A2 20070830 - DANIELI OFF MECC [IT], et al
• [X] DE 1031936 B 19580612 - EISENWERKE GELSENKIRCHEN AG
• [A] DE 2914385 A1 19791025 - SIDERURGIE FSE INST RECH

Cited by
DE102018130698A1; US11407026B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2572812 A1 20130327; EP 2572812 B1 20141105; CN 203091692 U 20130731

DOCDB simple family (application)
EP 11182175 A 20110921; CN 201220485047 U 20120921