

Title (en)
GUIDE SECTION FOR A CONTINUOUS-CAST STRAND

Title (de)
STRANGFÜHRUNGSSEGMENT

Title (fr)
SEGMENT DE GUIDAGE DE BARRE

Publication
EP 1355752 B1 20041201 (DE)

Application
EP 02715452 A 20020119

Priority
• DE 10104348 A 20010201
• EP 0200490 W 20020119

Abstract (en)
[origin: WO02060619A1] The invention relates to a strand guide section for guiding and cooling the cast strand of a continuous casting installation, comprising a roller bridge with crosspieces and guide rollers that is configured between lateral walls and a coolant supply for the secondary cooling of the continuous-cast strand and the cooling of the frame, said coolant supply consisting of a coolant distribution system, to which distribution pipes, spray pipes and on the end of the latter spray nozzles (6) can be connected. To maintain a compact construction, the section has water-bearing crosspieces (1.1, 1.2, 1.3) with crosspiece zones (1.0, 1.20, 1.30), which are interconnected by vertical chambers (1.11, 1.12, 1.13) in such a way that only one connectable coolant supply (115, 125, 135) is required for each zone, which for the central zone (1.30) corresponds to the smallest strand width, for the first outer zone (1.20) corresponds to the average strand width and for the second outer zone (1.10) corresponds to the maximum strand width.

IPC 1-7
B22D 11/128; **B22D 11/124**

IPC 8 full level
B22D 11/124 (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP)
B22D 11/1246 (2013.01); **B22D 11/128** (2013.01)

Cited by
DE102011081467A1; WO2013026689A1; DE102011003194A1; WO2011144505A1

Designated contracting state (EPC)
AT DE IT

DOCDB simple family (publication)
WO 02060619 A1 20020808; AT E283743 T1 20041215; DE 10104348 A1 20020808; DE 50201674 D1 20050105; EP 1355752 A1 20031029; EP 1355752 B1 20041201

DOCDB simple family (application)
EP 0200490 W 20020119; AT 02715452 T 20020119; DE 10104348 A 20010201; DE 50201674 T 20020119; EP 02715452 A 20020119