

Title (en)

STRAND GUIDE SEGMENT AND CONTINUOUS CASTING PLANT

Title (de)

STRANGFÜHRUNGSSEGMENT UND STRANGGIEßANLAGE

Title (fr)

SEGMENT DE GUIDAGE DE BARRE ET INSTALLATION DE COULÉE CONTINUE

Publication

EP 3706933 A1 20200916 (DE)

Application

EP 18782390 A 20181002

Priority

- DE 102017219740 A 20171107
- EP 2018076752 W 20181002

Abstract (en)

[origin: WO2019091664A1] The invention relates to a strand guide segment (50) for a continuous casting plant, which strand guide segment has an upper frame (8), a lower frame (9) and position-controlled hydraulic cylinder units (1, 1A) for setting the distance between the upper frame (8) and the lower frame (9) and, as a result, a strand thickness of a strand to be guided by the strand guide segment (50). A first end of each hydraulic cylinder unit (1, 1A) is mounted on the upper frame (8). At the second end of the hydraulic cylinder units, facing away from the upper frame (8), each hydraulic cylinder unit (1, 1A) is detachably connected by means of a respective flange connection (3) to a respective tie rod (2) which, at its end facing away from the flange connection (3), is mounted on the lower frame (9). The invention further relates to a corresponding continuous casting plant. (Fig. 2A)

IPC 8 full level

B22D 11/128 (2006.01)

CPC (source: EP RU US)

B22D 11/1206 (2013.01 - US); **B22D 11/128** (2013.01 - EP RU US); **B22D 11/20** (2013.01 - US); **B22D 11/1206** (2013.01 - EP)

Citation (search report)

See references of WO 2019091664A1

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)

DE 102017219740 A1 20190509; EP 3706933 A1 20200916; EP 3706933 B1 20211208; RU 2741608 C1 20210127; US 11565309 B2 20230131; US 2021197251 A1 20210701; WO 2019091664 A1 20190516

DOCDB simple family (application)

DE 102017219740 A 20171107; EP 18782390 A 20181002; EP 2018076752 W 20181002; RU 2020115495 A 20181002; US 201816761838 A 20181002