

Title (en)
STRAND GUIDING ELEMENT

Title (de)
STRANGFÜHRUNGSELEMENT

Title (fr)
ÉLÉMENT DE GUIDAGE DE BARRE

Publication
EP 2830791 B1 20160309 (DE)

Application
EP 13711324 A 20130313

Priority
• AT 501102012 A 20120329
• EP 2013055108 W 20130313

Abstract (en)
[origin: WO2013143845A2] The invention relates to a strand guiding element (1) for guiding a strand (2) in a strand casting machine. The aim of the invention is to provide a structurally simple strand guiding element (1) for guiding the strand (2) in a strand casting machine, said strand guiding element being automatically adaptable to different strand sizes. This is achieved by a strand guiding element (1) comprising - a traverse (3) with a first end region (3a), an intermediate region (3b), and a second end region (3c), at least one first strand guiding roller (6, 7) being rotatably mounted in the intermediate region of the traverse (3b); - a first rocker (4) with a first end region (4a), an intermediate region (4b), and a second end region (4c), wherein a second strand guiding roller (8) is rotatably mounted in the intermediate region of the first rocker (4b) and the second end region of the traverse (3c) is hinged to the first end region of the first rocker (4a); - a second rocker (5) with a first end region (5a), an intermediate region (5b), and a second end region (5c), wherein a third strand guiding roller (9) is rotatably mounted in the intermediate region of the second rocker (5b) and the first end region of the traverse (3a) is hinged to the first end region of the second rocker (5a); - and a linear motor (10) which is hinged to both the second end region of the first rocker (4c) and the second end region of the second rocker (5c).

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/128** (2006.01)

CPC (source: AT EP KR)
B22D 11/009 (2013.01 - EP KR); **B22D 11/04** (2013.01 - KR); **B22D 11/041** (2013.01 - KR); **B22D 11/12** (2013.01 - KR);
B22D 11/128 (2013.01 - EP KR); **B22D 11/1281** (2013.01 - AT); **B22D 11/1282** (2013.01 - AT); **B22D 11/1284** (2013.01 - AT);
B22D 11/1287 (2013.01 - KR); **B22D 11/14** (2013.01 - AT); **B22D 11/16** (2013.01 - KR); **B22D 11/20** (2013.01 - KR); **B22D 11/208** (2013.01 - KR);
B22D 11/22 (2013.01 - KR)

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

DOCDB simple family (publication)
WO 2013143845 A2 20131003; **WO 2013143845 A3 20131212**; AT 512682 A1 20131015; AT 512682 B1 20150315; CN 104185518 A 20141203;
CN 104185518 B 20160316; EP 2830791 A2 20150204; EP 2830791 B1 20160309; KR 101685907 B1 20161213; KR 20140147877 A 20141230;
RU 2014143269 A 20160520

DOCDB simple family (application)
EP 2013055108 W 20130313; AT 501102012 A 20120329; CN 201380017714 A 20130313; EP 13711324 A 20130313;
KR 20147030286 A 20130313; RU 2014143269 A 20130313