

Title (en)
MULTI-STRAND CONTINUOUS CASTING SYSTEM

Title (de)
MEHRSTRANG-STRANGGIESSANLAGE

Title (fr)
INSTALLATION DE COULÉE CONTINUE À PLUSIEURS LIGNES

Publication
EP 2285512 A1 20110223 (DE)

Application
EP 09753762 A 20090428

Priority
• EP 2009055096 W 20090428
• AT 8332008 A 20080526

Abstract (en)
[origin: WO2009144107A1] The invention relates to a multi-strand continuous casting system for manufacturing metal strands having a billet-shaped or bloom-shaped cross section, with a strand guide that comprises an alignment zone containing drive alignment subassemblies, wherein a plurality of drive alignment subassemblies disposed one after the other in the strand guide direction in a common support frame with comb-like uprights in receptacle openings formed between the uprights, and wherein each drive alignment subassembly comprises a pair of rollers with an outer arch roller and an inner arch roller moving relative thereto in associated roller sleds and an activation device for one of the two rollers, and optionally a rotational drive for one of the rollers. To ensure ease of installation and removal in the event that rollers need to be replaced it is proposed that each drive alignment subassembly comprise a cross head that is detachably connected to the uprights that form a receptacle opening for the drive alignment subassembly, that the activation device is hinged at the cross head for the activatable inner arch roller, that each roller of the roller pair is supported in a roller sled and the two roller sleds are slidably guided in guides of the uprights and that the roller sled of the activatable inner arch roller is connected to the drive alignment subassembly.

IPC 8 full level
B22D 11/12 (2006.01); **B21B 1/46** (2006.01); **B21B 13/22** (2006.01); **B21B 31/08** (2006.01); **B22D 11/128** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP)
B22D 11/1226 (2013.01); **B22D 11/1282** (2013.01); **B22D 11/147** (2013.01)

Citation (search report)
See references of WO 2009144107A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009144107 A1 20091203; AT 506824 A1 20091215; AT 506824 B1 20130115; CN 102066022 A 20110518; CN 102066022 B 20140416; EP 2285512 A1 20110223; EP 2285512 B1 20131030; KR 101622100 B1 20160518; KR 20110019383 A 20110225

DOCDB simple family (application)
EP 2009055096 W 20090428; AT 8332008 A 20080526; CN 200980119378 A 20090428; EP 09753762 A 20090428; KR 20107029302 A 20090428