

Title (en)

SYSTEM AND METHOD FOR ALINGNING ROLLERS OF CONTINUOUS CASTING SEGMENTS OF SLABS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSRICHTEN VON ROLLEN VON STRANGFÜHRUNGSSEGMENTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR L'ALIGNEMENT DES ROULEAUX D'UN SEGMENT DE GUIDAGE D'UNE BRAMME

Publication

EP 2944398 B1 20190130 (EN)

Application

EP 15164201 A 20150420

Priority

IT MI20140731 A 20140418

Abstract (en)

[origin: EP2944398A1] A measurement system (1) for measuring the position of the axes of the rollers of a containment and guide segment, adapted to contain and guide a cast product exiting from a crystallizer in a continuous casting process, the system comprising a robot (2) having an arm (4) provided at one end thereof with a reflector (5), said robot being adapted to move the reflector (5) in order to successively put it in contact with a plurality of points of each roller of the containment and guide segment; and comprising a laser tracker (3) adapted to track the reflector (5) by means of a laser beam and to calculate the position in space of each of said points of the containment and guide segment so as to determine the position of the axis of each roller.

IPC 8 full level

B22D 11/00 (2006.01); **B22D 11/16** (2006.01); **G01B 9/02** (2006.01)

CPC (source: EP)

B22D 11/00 (2013.01); **B22D 11/16** (2013.01)

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)

EP 2944398 A1 20151118; EP 2944398 B1 20190130

DOCDB simple family (application)

EP 15164201 A 20150420