Title (en)

Aligning device for high aspect ratio slabs or plates

Title (de)

Ausrichtungsvorrichtung für Fliesen oder Platten mit hohem Aspektverhältnis

Title (fr)

Dispositif d'alignement pour dalles ou plaques à rapport d'aspect élevé

Publication

EP 2314391 A3 20131016 (EN)

Application

EP 10187027 A 20101008

Priority

GB 0918206 A 20091019

Abstract (en)

[origin: EP2314391A2] A rolling mill is disclosed having means for aligning a work piece (1) with the work rollers (2). A beam (6) having a face or edge providing an alignment datum is introduced to the path of the work piece (1) which is contacted with, and pushed against the face by the roller table. After the work piece (1) is alligned, the beam (6) is raised and the work piece (1) proceeds to the working rollers (2).

IPC 8 full level

B21B 39/16 (2006.01)

CPC (source: EP GB US)

B21B 39/16 (2013.01 - EP GB US); B21B 1/22 (2013.01 - EP US); B21B 39/12 (2013.01 - EP US); B21B 39/14 (2013.01 - EP US); B21B 39/20 (2013.01 - EP US); B21B 2001/028 (2013.01 - EP US); B21B 2273/14 (2013.01 - EP US); B21B 2273/22 (2013.01 - EP US)

Citation (search report)
- [A] WO 9924186 A1 19990520 - DANIELI OFF MECC [IT], et al
- [A] US 1342220 A 19200601 - LEWIS HARRY A, et al
- [A] EP 0287021 A2 19881019 - BRITISH STEEL CORP [GB]

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)

EP 2314391 A2 20110427; **EP 2314391 A3 20131016**; BR PI1003811 A2 20130213; CN 102039321 A 20110504; GB 0918206 D0 20091202; GB 2474497 A 20110420; GB 2474497 B 20110907; JP 2011083824 A 20110428; KR 20110043482 A 20110427; RU 2010142550 A 20120427; US 2011088445 A1 20110421

DOCDB simple family (application)

EP 10187027 A 20101008; BR PI1003811 A 20101015; CN 201010514840 A 20101018; GB 0918206 A 20091019; JP 2010234453 A 20101019; KR 20100101977 A 20101019; RU 2010142550 A 20101018; US 90712910 A 20101019