

Title (en)
Apparatus for straightening metallic articles

Title (de)
Vorrichtung zum Richten von metallischem Gut

Title (fr)
Dispositif de dressage de marchandises métalliques

Publication
EP 2145706 B1 20100317 (DE)

Application
EP 08012682 A 20080714

Priority
EP 08012682 A 20080714

Abstract (en)
[origin: EP2145706A1] The device (1) has a set of upper straightening roller (5) and a set of lower straightening rollers (7) displaced to each other. Movable edge side supporting rollers (23) attach a movable edge side lower straightening roller (31) and form a support roller row. Movement units are provided for synchronously moving the edge side supporting rollers, where the edge side lower straightening roller follows the movement of the supporting rollers. The movement units are formed by a longitudinally movable slide (25), a beam or a cover (35), an adjusting drive (37) and a cylinder (39).

IPC 8 full level
B21D 1/02 (2006.01)

CPC (source: EP US)
B21D 1/02 (2013.01 - EP US); **B21D 3/05** (2013.01 - EP US)

Cited by
CN107520280A; CN103495621A

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2145706 A1 20100120; EP 2145706 B1 20100317; AT E460997 T1 20100415; CN 102099131 A 20110615; CN 102099131 B 20130508; DE 502008000455 D1 20100429; DK 2145706 T3 20100628; PL 2145706 T3 20100831; US 2011174595 A1 20110721; US 8667826 B2 20140311; WO 2010007005 A2 20100121; WO 2010007005 A3 20100311

DOCDB simple family (application)
EP 08012682 A 20080714; AT 08012682 T 20080714; CN 200980127344 A 20090710; DE 502008000455 T 20080714; DK 08012682 T 20080714; EP 2009058846 W 20090710; PL 08012682 T 20080714; US 200913003508 A 20090710