

Title (en)

MARKING APPARATUS FOR USE IN SECTION STEEL CUTTING SYSTEM

Title (de)

MARKIERUNGSVORRICHTUNG ZUR VERWENDUNG IN EINEM STAHLABSCHNITTSSCHNEIDESYSTEM

Title (fr)

APPAREIL DE MARQUAGE DESTINÉ À ÊTRE UTILISÉ DANS UN SYSTÈME DE DÉCOUPE D'ACIER PROFILÉ

Publication

EP 2150381 B1 20121121 (EN)

Application

EP 08766167 A 20080609

Priority

- KR 2008003205 W 20080609
- KR 20070055698 A 20070607

Abstract (en)

[origin: WO2008150143A2] A marking apparatus for use in a section steel cutting system having a measuring robot and a conveyor unit includes a carrier unit for performing the horizontal movement and rotation to correspond to a shape of a section steel on the conveyor unit; and a marking head assembly mounted on an end portion connection block of the carrier unit and having a plurality of ink-jet heads for performing a printing at a closer position to the section steel. The carrier unit further has a horizontal guide roller, mounted on the lower portion of the support frame to roll along a relatively long part of the section steel.

IPC 8 full level

B25H 7/04 (2006.01)

CPC (source: EP KR US)

B25H 7/04 (2013.01 - KR); **B26D 1/16** (2013.01 - KR); **B41J 3/4073** (2013.01 - EP KR US); **B41J 3/413** (2013.01 - EP KR)

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)

WO 2008150143 A2 20081211; **WO 2008150143 A3 20090205**; CN 101678550 A 20100324; CN 101678550 B 20110713;
EP 2150381 A2 20100210; EP 2150381 A4 20111019; EP 2150381 B1 20121121; JP 2010528883 A 20100826; JP 5025793 B2 20120912;
KR 100868232 B1 20081112

DOCDB simple family (application)

KR 2008003205 W 20080609; CN 200880018804 A 20080609; EP 08766167 A 20080609; JP 2010511126 A 20080609;
KR 20070055698 A 20070607