

Title (en)

DEVICE FOR THE CONTINUOUS CASTING OF METALS, IN PARTICULAR STEEL MATERIAL, TO FORM ELONGATED PRODUCTS IN A MULTIPLE CASTING LINE

Title (de)

VORRICHTUNG ZUM STRANGGIESSEN VON METALLEN, INSBESONDERE VON STAHLWERKSTOFFEN, ZU LANGPRODUKTEN IN EINER MEHRSTRANG-GIESSANLAGE

Title (fr)

DISPOSITIF POUR LA COULEE CONTINUE DE METAUX, NOTAMMENT DE MATERIAUX A BASE D'ACIER, EN PRODUITS LONGS DANS UNE INSTALLATION DE COULEE CONTINUE A PLUSIEURS LIGNES

Publication

EP 1539403 B1 20170104 (DE)

Application

EP 03798146 A 20030902

Priority

- DE 10244596 A 20020921
- EP 0309710 W 20030902

Abstract (en)

[origin: WO2004028723A1] The invention relates to a device for the continuous casting of metals, in particular steel material, to form elongated products in a multiple casting line. Said device comprises several continuous casting moulds, which are driven in an oscillating manner in an oscillating frame (2) by means of plate springs (4), which extend transversally in relation to the casting direction (1), act as guides and compensate for weight. The aim of the invention is to obtain the smallest possible distances "A" between the castings. To achieve this, two housings (6a) configured as flat compact cases (6) are fixed one behind the other on an elongated bed (5) in the direction of transport (1) of the casting, said cases containing lower and upper pairs (4a, 4b) of plate springs that run transversally to the casting strand (3) and the oscillating drives (11) engage with the pairs (4a, 4b) of plate springs, a front oscillating drive (11a) operating in synchronisation with the rear oscillating drive (11b).

IPC 8 full level

B22D 11/053 (2006.01); **B22D 11/00** (2006.01); **B22D 11/05** (2006.01)

CPC (source: EP KR US)

B22D 11/0403 (2013.01 - KR); **B22D 11/053** (2013.01 - EP KR US); **B22D 11/055** (2013.01 - KR); **B22D 11/12** (2013.01 - KR)

Citation (opposition)

Opponent : Primetals Technologies Austria GmbH

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004028723 A1 20040408; AU 2003266344 A1 20040419; CA 2499270 A1 20040408; CA 2499270 C 20101116; CN 100584486 C 20100127; CN 1681612 A 20051012; DE 10244596 A1 20040401; DE 10244596 B4 20111229; EP 1539403 A1 20050615; EP 1539403 B1 20170104; JP 2005538852 A 20051222; JP 4272158 B2 20090603; KR 101031610 B1 20110428; KR 20050057510 A 20050616; TW 200404627 A 20040401; TW 1279267 B 20070421; US 2006048915 A1 20060309; US 7036557 B2 20060502

DOCDB simple family (application)

EP 0309710 W 20030902; AU 2003266344 A 20030902; CA 2499270 A 20030902; CN 03822459 A 20030902; DE 10244596 A 20020921; EP 03798146 A 20030902; JP 2004538859 A 20030902; KR 20057004823 A 20030902; TW 92124064 A 20030901; US 52838005 A 20050316