Title (en)

COMPACT REVERSIBLE UNIVERSAL MILL FOR PRODUCING MEDIUM-LARGE SECTIONS

Title (de)

KOMPAKTES UMKEHRBARES UNIVERSALWALZWERK ZUR HERSTELLUNG VON MITTLEREN BIS LANGEN ABSCHNITTEN

Title (fr)

LAMINOIR UNIVERSEL RÉVERSIBLE COMPACT POUR PRODUIRE DES SECTIONS MOYENNES ET GRANDES

Publication

EP 2506991 B1 20150114 (EN)

Application

EP 10778938 A 20101102

Priority

- IT MI20092113 A 20091201
- EP 2010066606 W 20101102

Abstract (en)

[origin: WO2011067055A2] A compact reversible universal mill for producing medium-large sections comprising a universal reducing stand (14), a two-high stand (15) and a universal stand (16) to create a reversible intermediate unit (12) across a roller way (13) carrying a bar (17) being worked, said mill being provided immediately downstream of said reversible intermediate unit (12) with a finishing stand (11) as the final additional stand also across the shared roller way (13) or respectively moveable perpendicularly (according to F) in relation to said roller way (13), the finishing stand (11) being kept open or respectively closed during intermediate passes of the cycle and being closed or respectively used on said roller way (13) only before the bar (17) completes the final pass of the production cycle.

IPC 8 full level

B21B 1/14 (2006.01)

CPC (source: EP KR US)

B21B 1/14 (2013.01 - EP KR US); B21B 1/082 (2013.01 - EP US); B21B 1/088 (2013.01 - EP US); B21B 1/09 (2013.01 - EP US); B21B 1/095 (2013.01 - EP US); B21B 13/001 (2013.01 - EP US); B21B 13/02 (2013.01 - EP US); B21B 2013/003 (2013.01 - EP US); B21B 2013/106 (2013.01 - EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2011067055 A2 20110609; **WO 2011067055 A3 20111201**; BR 112012013133 A2 20160816; CN 102648059 A 20120822; CN 102648059 B 20150415; EP 2506991 A2 20121010; EP 2506991 B1 20150114; ES 2529711 T3 20150224; IN 3304DEN2012 A 20151023; IT 1397191 B1 20130104; IT MI20092113 A1 20110602; KR 101520528 B1 20150514; KR 20120104562 A 20120921; PL 2506991 T3 20150529; RU 2012127312 A 20140120; RU 2550456 C2 20150510; UA 107203 C2 20141210; US 2012279269 A1 20121108

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