

Title (en)

REVERSING MILL AND OPERATING METHOD FOR SAME

Title (de)

REVERSIERWALZWERK UND BETRIEBSVERFAHREN FÜR EIN REVERSIERWALZWERK

Title (fr)

LAMINOIR RÉVERSIBLE ET PROCÉDÉ DE FONCTIONNEMENT POUR UN LAMINOIR RÉVERSIBLE

Publication

**EP 2750813 B2 20191106 (DE)**

Application

**EP 12742868 A 20120726**

Priority

- EP 11179241 A 20110830
- EP 2012064651 W 20120726
- EP 12742868 A 20120726

Abstract (en)

[origin: WO2013029886A1] Operating method for a reversing rolling mill, comprising at least one reversing rolling stand (2) for rolling a rolled material (5), wherein the rolled material (5) passes the at least one reversing rolling stand (2) in a sequence of passes with an alternating passing-through direction (7) and after each pass is wound up by means of a reversing reel (3, 4) acting as a winding-up reel (31, 41), wherein exclusively rolling oil, without water as a carrier medium, is applied to the rolled material (5) by means of a rolling-oil application device (6), which is arranged between the at least one reversing rolling stand (2) and the winding-up reel (31, 41).

IPC 8 full level

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CPC (source: EP US)

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**B21B 45/0218** (2013.01 - US); **B21B 2015/0057** (2013.01 - EP US); **B21B 2015/0064** (2013.01 - EP US)

Citation (opposition)

Opponent :

- JP 3815075 B2 20060830
- JP S57156809 A 19820928 - SUMITOMO METAL IND, et al
- JP S6152901 A 19860315 - KAWASAKI STEEL CO
- JP H11156045 A 19990615 - COSMO EC KK

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DOCDB simple family (publication)

**WO 2013029886 A1 20130307**; CN 103889605 A 20140625; CN 103889605 B 20170118; EP 2750813 A1 20140709; EP 2750813 B1 20160210;  
EP 2750813 B2 20191106; RU 2014112211 A 20151010; RU 2605740 C2 20161227; US 2014238093 A1 20140828; US 9815101 B2 20171114

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US 201214237132 A 20120726