

Title (en)

COOLING ROLLERS FOR TWIN-ROLLER CASTING DEVICE

Title (de)

KÜHLUNG VON WALZEN FÜR EINE DOPPELWALZEN-GUSSVORRICHTUNG

Title (fr)

ROULEAUX DE REFROIDISSEMENT POUR DISPOSITIF DE COULAGE À DEUX ROULEAUX

Publication

EP 2875880 A4 20160413 (EN)

Application

EP 13820089 A 20130716

Priority

- JP 2012159360 A 20120718
- JP 2013004332 W 20130716

Abstract (en)

[origin: EP2875880A1] One of a pair of chilled rolls is a mid-thick roll 100a which has a longitudinal central diameter greater than longitudinal end diameters. The other of the chilled rolls is a mid-thin roll 200a which has a longitudinal central diameter shorter than longitudinal end diameters. A roll gap 3 is formed between the mid-thick and mid-thin rolls 100a and 200a such that the rolls are gradually made closer to each other from longitudinal roll centers to longitudinal roll ends.

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP)

B22D 11/0622 (2013.01); **B22D 11/0651** (2013.01); **B22D 11/0682** (2013.01)

Citation (search report)

- [XA] JP S6015049 A 19850125 - HITACHI LTD
- [A] EP 0688620 A2 19951227 - DANIELI UNITED INC [US]
- [A] WO 9633826 A1 19961031 - VOEST ALPINE IND ANLAGEN [AT], et al
- [A] DE 69005049 T2 19940707 - USINOR SACILOR PUTEAUX [FR]
- See references of WO 2014013717A1

Designated contracting state (EPC)

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