

Title (en)

SEALING APPARATUS FOR TWIN-ROLL CASTING MACHINE

Title (de)

DICHTUNGSVORRICHTUNG FÜR ZWEIWALZEN-GIESSMASCHINE

Title (fr)

APPAREIL D'ETANCHEITE POUR MACHINE DE COULEE ENTRE CYLINDRES

Publication

EP 2011589 A4 20091125 (EN)

Application

EP 06745685 A 20060426

Priority

JP 2006308707 W 20060426

Abstract (en)

[origin: EP2011589A1] Provided are a transition piece 4 positioned above a melt pool 6 formed between chilled rolls 1, rotatable cylindrical brushes 7 extending axially of the rolls 1 and each abutting against an outer periphery of the corresponding roll 1 all over axial length thereof on a side away from the pool 6 and below the transition piece 4, first cowlings 9 each covering the roll 1 in between the transition piece 4 and the brush 7, second cowlings 10 each surrounding a portion of the brush 7 not in contact with the roll 1, third cowlings 11 each covering the roll 1 below the brush 7 and outlets 8 for feeding sealing gas S to between the transition piece 4 and the rolls 1, the sealing gas S from the outlets 8 filling up to outlet portions of the third cowlings 11.

IPC 8 full level

B22D 11/106 (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP US)

B22D 11/0645 (2013.01 - EP US); **B22D 11/0665** (2013.01 - EP US); **B22D 11/0697** (2013.01 - EP US); **B22D 11/106** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2007129372A1

Cited by

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 2011589 A1 20090107; **EP 2011589 A4 20091125**; BR PI0621615 A2 20111213; BR PI0621615 B1 20150721; CN 101426601 A 20090506; CN 101426601 B 20130102; US 2009242162 A1 20091001; WO 2007129372 A1 20071115

DOCDB simple family (application)

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