

Title (en)
Twin-roll casting machine

Title (de)
Giesswalzanlage

Title (fr)
Installation de coulée continue entre cylindres

Publication
EP 1555074 B1 20080109 (DE)

Application
EP 04027353 A 20041118

Priority
DE 102004002124 A 20040114

Abstract (en)
[origin: EP1555074A1] Cast-rolling plant has first and second counter-rotating continuous casting rolls (1, 2) which define casting gap (4) between them. The first casting roll is made of copper material in its circumferential edge region and the second casting roll is made of steel material in its circumferential edge region.

IPC 8 full level
B22D 11/06 (2006.01); **B22D 11/12** (2006.01); **B22D 11/00** (2006.01); **B22D 11/059** (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP KR US)
B22D 11/06 (2013.01 - KR); **B22D 11/0622** (2013.01 - EP US); **B22D 11/0651** (2013.01 - EP US)

Cited by
CN110253299A; US10957942B2; US10960461B2; WO2007101512A1; EP2108471A2; EP3296038A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1555074 A1 20050720; EP 1555074 B1 20080109; AT E383214 T1 20080115; AU 2004235624 A1 20050728; BR PI0404648 A 20060606; CA 2492611 A1 20050714; CN 100366362 C 20080206; CN 1640582 A 20050720; DE 102004002124 A1 20050811; DE 502004005898 D1 20080221; DK 1555074 T3 20080513; ES 2297325 T3 20080501; JP 2005199348 A 20050728; KR 101148631 B1 20120523; KR 20050074888 A 20050719; MX PA05000464 A 20050715; MY 141802 A 20100630; PT 1555074 E 20080225; RU 2005100728 A 20060620; US 2005150630 A1 20050714; US 7028748 B2 20060418; ZA 200410056 B 20050719

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EP 04027353 A 20041118; AT 04027353 T 20041118; AU 2004235624 A 20041202; BR PI0404648 A 20041028; CA 2492611 A 20050114; CN 200410092514 A 20041110; DE 102004002124 A 20040114; DE 502004005898 T 20041118; DK 04027353 T 20041118; ES 04027353 T 20041118; JP 2004305554 A 20041020; KR 20040086036 A 20041027; MX PA05000464 A 20050110; MY PI20050068 A 20050107; PT 04027353 T 20041118; RU 2005100728 A 20050113; US 3639705 A 20050114; ZA 200410056 A 20041213