

Title (en)

Side wall for confining the casting space in a continuous roll caster installation for the production of metallic strips and casting installation equipped therewith

Title (de)

Seitenwand zur Abdichtung des Giessraumes in einer Zweirollenstranggiessmaschine zum Herstellen metallischer Bänder und damit ausgerüstete Giessmaschine

Title (fr)

Face laterale pour l'obturation de l'espace de coulee d'une installation de coulee continue de bandes metalliques entre cylindres, et installation de coulee ainsi equipee

Publication

EP 0901851 B1 20030409 (FR)

Application

EP 98402164 A 19980902

Priority

FR 9711351 A 19970912

Abstract (en)

[origin: EP0901851A1] A lateral face (11) is claimed for closing the casting space (6) of an installation for the continuous casting of metal strip. It has two internally cooled contra-rotating rolls (5, 5'), with horizontal axes, and the cylindrical lateral faces define a casting space (6). The width of the neck (7) determines the thickness of the strip. The lateral face (11) presents an active part (3) to rub against the sides (4) of the rolls (5, 5') during casting and faces the casting space (6). The dimensions of this active part (3) are such that its lower edge (12) is designed to be situated at a distance (d) equal to at least 1 mm above the neck (7) whilst the lateral face (7) is mounted on the casting installation. The continuous casting installation incorporating this lateral face is also claimed.

IPC 1-7

B22D 11/06

IPC 8 full level

B22D 11/06 (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP KR)

B22D 11/0622 (2013.01 - KR); **B22D 11/066** (2013.01 - EP); **B22D 11/0682** (2013.01 - KR); **B22D 11/14** (2013.01 - KR)

Cited by

FR2842130A1; US7258157B2; WO2004007116A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0901851 A1 19990317; **EP 0901851 B1 20030409**; AT E236749 T1 20030415; AU 8312298 A 19990325; BR 9803422 A 19991103; CA 2247538 A1 19990312; CN 1074328 C 20011107; CN 1212914 A 19990407; CZ 287998 A3 19990811; DE 69813120 D1 20030515; DE 69813120 T2 20040129; DK 0901851 T3 20030728; ES 2196512 T3 20031216; FR 2768354 A1 19990319; FR 2768354 B1 19991022; IN 188785 B 20021109; JP H11151556 A 19990608; KR 19990029727 A 19990426; PL 328526 A1 19990315; PT 901851 E 20030731; RO 119996 B1 20050729; RU 2208497 C2 20030720; SK 123598 A3 19990611; TR 199801783 A2 19991021; TR 199801783 A3 19991021; TW 504414 B 20021001; ZA 988049 B 19990305

DOCDB simple family (application)

EP 98402164 A 19980902; AT 98402164 T 19980902; AU 8312298 A 19980904; BR 9803422 A 19980911; CA 2247538 A 19980911; CN 98119149 A 19980911; CZ 287998 A 19980909; DE 69813120 T 19980902; DK 98402164 T 19980902; ES 98402164 T 19980902; FR 9711351 A 19970912; IN 562BO1998 A 19980903; JP 25674898 A 19980910; KR 19980037537 A 19980911; PL 32852698 A 19980911; PT 98402164 T 19980902; RO 9801379 D 19980911; RU 98117310 A 19980911; SK 123598 A 19980909; TR 9801783 A 19980909; TW 87116127 A 19980928; ZA 988049 A 19980903