

Title (en)
METHOD AND DEVICE FOR HOMOGENIZING A MOLTEN METAL FILM

Title (de)
VERFAHREN UND VORRICHTUNG ZUM VERGLEICHMÄSSIGEN EINES SCHMELZFLÜSSIGEN METALLFILMES

Title (fr)
PROCEDE ET DISPOSITIF POUR HOMOGENEISER UN FILM METALLIQUE EN FUSION

Publication
EP 1064113 B1 20021204 (DE)

Application
EP 99919034 A 19990301

Priority
• DE 9900589 W 19990301
• DE 19811434 A 19980317

Abstract (en)
[origin: US2003155097A1] The invention relates to a method for homogenizing a molten metal film, more particularly a steel film, by means of thin strip casting. According to the invention, the melt applied to a rotating strip is of a similar thickness to and possesses the same qualities wherever possible as the width of the strip. In order to homogenize the width of the strip, forces possessing a component perpendicular to the direction of conveyance of the strip are introduced, whereby homogenization of the profile of the molten metal film occurs.

IPC 1-7
B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01); **B22D 11/10** (2006.01); **B22D 11/16** (2006.01)

CPC (source: EP KR US)
B22D 11/06 (2013.01 - KR); **B22D 11/0631** (2013.01 - EP US); **B22D 11/064** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)
US 2003155097 A1 20030821; US 7073564 B2 20060711; AT E228904 T1 20021215; AU 3697999 A 19991011; AU 753860 B2 20021031; BR 9908883 A 20001121; CA 2324250 A1 19990923; CN 1236881 C 20060118; CN 1297388 A 20010530; DE 19811434 A1 19990930; DE 19811434 C2 20020516; DE 59903652 D1 20030116; EP 1064113 A1 20010103; EP 1064113 B1 20021204; HU P0102547 A1 20011028; HU P0102547 A3 20011128; JP 2002506732 A 20020305; JP 4439729 B2 20100324; KR 100602616 B1 20060719; KR 20010041960 A 20010525; PL 188780 B1 20050429; PL 342945 A1 20010716; RU 2220813 C2 20040110; SK 13712000 A3 20010312; TR 200002667 T2 20010221; UA 67768 C2 20040715; US 6581674 B1 20030624; WO 9947292 A1 19990923

DOCDB simple family (application)
US 37104603 A 20030220; AT 99919034 T 19990301; AU 3697999 A 19990301; BR 9908883 A 19990301; CA 2324250 A 19990301; CN 99805135 A 19990301; DE 19811434 A 19980317; DE 59903652 T 19990301; DE 9900589 W 19990301; EP 99919034 A 19990301; HU P0102547 A 19990301; JP 2000536512 A 19990301; KR 20007010283 A 20000918; PL 34294599 A 19990301; RU 2000126293 A 19990301; SK 13712000 A 19990301; TR 200002667 T 19990301; UA 2000095321 A 19990301; US 64632600 A 20001128