

Title (en)
Dual plate strip caster.

Title (de)
Metallbandgiessvorrichtung mit zwei Seitenplatten.

Title (fr)
Dispositif à deux parois convergentes pour machine de coulée de bandes.

Publication
EP 0387006 A2 19900912 (EN)

Application
EP 90302382 A 19900306

Priority
CA 593117 A 19890308

Abstract (en)
Thin metal strip is continuously cast by providing a first plate (100) and a second plate (101), each having a mold surface, and each having cooling means (114, 116) for controllably withdrawing heat from the respective plate. The mold surfaces contact molten metal which continuously solidifies against the surfaces, forming strips (118, 120). The strips are withdrawn continuously and merged together to form a single, composite strip. High frequency vibration can be applied to the plates (100, 101) in order to reduce sliding friction between each strip (118, 120) and its respective plate (100, 101).

IPC 1-7
B22D 11/14

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/01** (2006.01); **B22D 11/04** (2006.01); **B22D 11/053** (2006.01); **B22D 11/055** (2006.01); **B22D 11/10** (2006.01); **B22D 11/106** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP KR)
B22D 11/00 (2013.01 - KR); **B22D 11/01** (2013.01 - EP); **B22D 11/14** (2013.01 - EP)

Cited by
WO2010000034A1; US9751128B2; US9931692B2; US7984748B2; US8176969B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0387006 A2 19900912; **EP 0387006 A3 19910814**; BR 9001078 A 19910226; CN 1045718 A 19901003; JP H02284744 A 19901122; KR 900014056 A 19901022

DOCDB simple family (application)
EP 90302382 A 19900306; BR 9001078 A 19900307; CN 90102133 A 19900308; JP 5517390 A 19900308; KR 900003180 A 19900308