

Title (en)

Apparatus for continuous coating of a steel strip.

Title (de)

Vorrichtung zur kontinuierlichen Oberflächenbeschichtung von einem Stahlband.

Title (fr)

Dispositif de revêtement en continu d'une bande d'acier.

Publication

EP 0451020 B1 19950719 (FR)

Application

EP 91400817 A 19910326

Priority

FR 9003963 A 19900328

Abstract (en)

[origin: EP0451020A1] Process for continuously coating a steel strip with a liquid metal contained in a main crucible (3). The process consists in causing the steel strip (2) to travel continuously from the bottom upwards between two nip rolls (7, 8) with a horizontal axis, in creating a bath of purified liquid metal in the region of the nip gap (9) of the two rolls (7, 8) by continuously delivering the said liquid metal from the main crucible (3) and in controlling the height of liquid metal in the said bath. The invention also relates to a device for implementing the process. <IMAGE>

IPC 1-7

C23C 2/00

IPC 8 full level

C23C 2/00 (2006.01)

CPC (source: EP US)

C23C 2/00344 (2022.08 - EP US); **C23C 2/0036** (2022.08 - EP US); **C23C 2/523** (2022.08 - EP US)

Cited by

AU2004252229B2; ITMI20111544A1; KR20140048330A; CN103890218A; WO2013027179A1; WO2005001152A1; WO9318198A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0451020 A1 19911009; EP 0451020 B1 19950719; AT E125309 T1 19950815; DE 69111281 D1 19950824; DE 69111281 T2 19951221; ES 2075380 T3 19951001; FR 2660325 A1 19911004; FR 2660325 B1 19940121; GR 3017314 T3 19951231

DOCDB simple family (application)

EP 91400817 A 19910326; AT 91400817 T 19910326; DE 69111281 T 19910326; ES 91400817 T 19910326; FR 9003963 A 19900328; GR 950402442 T 19950906