

Title (en)

Liquid film coating of iron-based metals.

Title (de)

Flüssige Filmbeschichtung von Metallen auf Eisenbasis.

Title (fr)

Procédé pour revêtir d'un film liquide des matériaux à base de fer.

Publication

EP 0245862 A1 19871119 (EN)

Application

EP 87107020 A 19870514

Priority

US 86344886 A 19860515

Abstract (en)

In processes in which protective metal coating materials are applied to iron-based substrates in the form of liquid films which are then solidified by cooling, the metal coating can be contacted with a roll such as a tower roll, conveyor roll or guide roll, while the coating material is capable of transfer, by the use of a roll having an exterior ceramic barrier or surface having a thickness of at least about 20 microns whereby the surface of the coated substrate is not unduly adversely affected.

IPC 1-7

C23C 2/00; **C23C 2/36**

IPC 8 full level

C23C 2/00 (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP KR US)

C23C 2/00 (2013.01 - EP US); **C23C 2/00344** (2022.08 - EP KR US); **C23C 2/28** (2013.01 - KR); **C23C 30/00** (2013.01 - EP KR)

Citation (search report)

PATENT ABSTRACTS OF JAPAN, unexamined applications, C field, vol. 9, no. 153, June 27, 1985 THE PATENT OFFICE JAPANESE GOVERNMENT page 6 C 288 & JP-A-60-29 457 (shin nippon seitetsu k.k.)

Cited by

CN108374138A; CN112218968A; EP0712939A3; EP0698672A1; CN1062316C; EP0492500A3; DE102016218947A1

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