

Title (en)
ELECTROMAGNETIC DEVICE FOR COATING FLAT METAL PRODUCTS BY MEANS OF CONTINUOUS HOT DIPPING, AND COATING PROCESS THEREOF

Title (de)
ELEKTROMAGNETISCHE VORRICHTUNG ZUM BESCHICHTEN VON FLACHEN METALLPRODUKTEN MITTELS KONTINUIERLICHEM SCHMELZTAUCHEN UND BESCHICHTUNGSVERFAHREN DAVON

Title (fr)
DISPOSITIF ÉLECTROMAGNÉTIQUE POUR LE REVÊTEMENT DE PRODUITS MÉTALLIQUES PLATS PAR GALVANISATION CONTINUE, ET SON PROCÉDÉ DE REVÊTEMENT

Publication
EP 2304067 B1 20190313 (EN)

Application
EP 09772990 A 20090630

Priority
• IB 2009052817 W 20090630
• IT MI20081207 A 20080630

Abstract (en)
[origin: WO2010001330A2] An electromagnetic device for coating flat metal products by means of continuous hot dipping in a small molten coating bath, arranged over strip guiding rollers, the device being adapted not only to contain the molten coating metal in the bath but further to substantially eliminate leakages and dripping through the lower opening at the bottom of the container, for the strip passing, by means of particular electromagnetic components.

IPC 8 full level
C23C 2/00 (2006.01); **C23C 2/24** (2006.01); **C23C 2/30** (2006.01)

CPC (source: EP KR US)
C23C 2/00342 (2022.08 - EP KR US); **C23C 2/0035** (2022.08 - EP KR US); **C23C 2/0036** (2022.08 - EP KR US);
C23C 2/00362 (2022.08 - EP KR US); **C23C 2/24** (2013.01 - EP KR); **C23C 2/30** (2013.01 - EP KR); **C23C 2/40** (2013.01 - KR)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2010001330 A2 20100107; WO 2010001330 A3 20100603; CN 102105616 A 20110622; CN 102105616 B 20130904;
EP 2304067 A2 20110406; EP 2304067 B1 20190313; IT MI20081207 A1 20100101; KR 101608035 B1 20160331; KR 20110025231 A 20110309

DOCDB simple family (application)
IB 2009052817 W 20090630; CN 200980125504 A 20090630; EP 09772990 A 20090630; IT MI20081207 A 20080630;
KR 20117002384 A 20090630