

Title (en)  
EQUIPMENT FOR COATING A METAL STRIP

Title (de)  
AUSRÜSTUNG ZUR BESCHICHTUNG EINES BLECHSTREIFENS

Title (fr)  
INSTALLATION DE REVETEMENT D'UNE BANDE METALLIQUE

Publication  
**EP 2173918 B1 20101201 (FR)**

Application  
**EP 08830457 A 20080703**

Priority  
• FR 2008000970 W 20080703  
• FR 0757022 A 20070810

Abstract (en)  
[origin: WO2009034244A1] The invention relates to an equipment for coating a strip product (M) by passage in a liquid metal bath (31), that comprises means for controlling the running of the strip (M) between the metal bath (31) and a final quenching bath (35) along a continuous running line defined by a succession of deviation cylinders and including at least three portions, respectively a first portion (T1) at inlet of the metal bath, a second portion at the outlet of the bath (31) in an ascending direction and at least a third descending portion (T3) giving into the final quenching bath (35). According to the invention, the final quenching bath (35) is located above the metal bath (31) so that the entire running line of the strip (M) between the metal bath (31) and the final quenching bath (35) occupies an area over the ground of the same magnitude as that of the metal bath (31).

IPC 8 full level  
**C23C 2/28** (2006.01); **B05C 3/12** (2006.01); **C23C 2/40** (2006.01)

CPC (source: EP US)  
**C23C 2/00344** (2022.08 - EP US); **C23C 2/0035** (2022.08 - EP US); **C23C 2/0038** (2022.08 - EP US); **C23C 2/004** (2022.08 - EP US); **C23C 2/28** (2013.01 - EP US); **C23C 2/29** (2022.08 - EP US); **C23C 2/40** (2013.01 - EP)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2919816 A1 20090213**; **FR 2919816 B1 20091009**; AT E490351 T1 20101215; DE 602008003833 D1 20110113; EP 2173918 A1 20100414; EP 2173918 B1 20101201; WO 2009034244 A1 20090319

DOCDB simple family (application)  
**FR 0757022 A 20070810**; AT 08830457 T 20080703; DE 602008003833 T 20080703; EP 08830457 A 20080703; FR 2008000970 W 20080703