

Title (en)
METHOD FOR MANUFACTURING A STEEL PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES STAHLPRODUKTS

Title (fr)
PROCÉDÉ DE FABRICATION D'UN PRODUIT EN ACIER

Publication
EP 2820162 A1 20150107 (EN)

Application
EP 13706177 A 20130226

Priority
• EP 12001274 A 20120227
• EP 2013000549 W 20130226
• EP 13706177 A 20130226

Abstract (en)
[origin: WO2013127515A1] Method for manufacturing a steel product which comprises the steps of: (i) providing a steel substrate; (ii) providing a solution comprising a slag material; (iii) contacting the steel substrate with the solution comprising the slag material to form a corrosion protective layer on the surface of the steel substrate, wherein the corrosion protective layer consists mainly of a compound formed from oxides comprised in the slag material.

IPC 8 full level
C21D 1/68 (2006.01); **B05D 7/14** (2006.01); **C21D 1/70** (2006.01); **C21D 1/72** (2006.01); **C21D 8/02** (2006.01); **C23C 22/50** (2006.01); **C23C 22/62** (2006.01); **C23C 22/68** (2006.01); **C23C 22/74** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP)
C21D 1/68 (2013.01); **C21D 1/70** (2013.01); **C21D 1/72** (2013.01); **C21D 8/0294** (2013.01); **C23C 22/43** (2013.01); **C23C 22/60** (2013.01); **C23C 22/62** (2013.01); **C23C 22/68** (2013.01); **C23C 22/74** (2013.01)

Citation (search report)
See references of WO 2013127515A1

Citation (examination)
JP S5877523 A 19830510 - SUMITOMO METAL IND

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2013127515 A1 20130906; EP 2820162 A1 20150107; HK 1206074 A1 20151231

DOCDB simple family (application)
EP 2013000549 W 20130226; EP 13706177 A 20130226; HK 15106471 A 20150707