

Title (en)

METHOD FOR PRODUCING A PRODUCT FROM A ROLLED STRIP MATERIAL

Title (de)

VERFAHREN ZUM HERSTELLEN EINES ERZEUGNISSES AUS GEWALZTEM BANDMATERIAL

Title (fr)

PROCEDE DE FABRICATION D'UN PRODUIT A PARTIR D'UN MATERIAU DE BANDE ENROULE

Publication

**EP 3056591 A1 20160817 (DE)**

Application

**EP 16154396 A 20160205**

Priority

DE 102015202642 A 20150213

Abstract (en)

[origin: US2016237585A1] A product is produced from a rolled strip material with the steps: providing a substrate in form of a strip material from sheet steel, rolling of the substrate in form of strip material, electrolytic coating of the substrate with a first metal coating material, wherein the electrolytic coating is carried out after the rolling, applying of a second coating material as a scaling protection coating on the substrate coated with the first coating material, and hot-forming of the substrate, wherein the hot-forming is carried out after the application of the second coating material.

Abstract (de)

Verfahren zum Herstellen eines Erzeugnisses aus gewalztem Bandmaterial mit den Schritten: Bereitstellen eines Substrats als Bandmaterial aus Stahlblech; Walzen des Substrats als Bandmaterial; elektrolytisches Beschichten des Substrats mit einem ersten, metallischen Beschichtungsmaterial, wobei das elektrolytische Beschichten nach dem Walzen erfolgt; Aufbringen eines zweiten Beschichtungsmaterials als Zunderschutzbeschichtung auf das mit dem ersten Beschichtungsmaterial beschichtete Substrat; Warmumformen des Substrats, wobei das Warmumformen nach dem Aufbringen des zweiten Beschichtungsmaterials erfolgt.

IPC 8 full level

**C25D 5/36** (2006.01); **C21D 8/00** (2006.01); **C25D 5/50** (2006.01); **C25D 7/06** (2006.01)

CPC (source: CN EP US)

**B21B 1/22** (2013.01 - CN); **B21D 22/02** (2013.01 - US); **B21D 22/022** (2013.01 - EP); **B21D 22/201** (2013.01 - EP); **B21D 35/005** (2013.01 - EP US); **C21D 1/673** (2013.01 - EP US); **C21D 8/0205** (2013.01 - CN); **C21D 8/0478** (2013.01 - EP US); **C25D 3/22** (2013.01 - CN US); **C25D 5/36** (2013.01 - EP US); **C25D 5/48** (2013.01 - US); **C25D 5/50** (2013.01 - CN EP US); **C25D 7/0614** (2013.01 - CN); **C25D 7/0621** (2013.01 - EP US)

Citation (applicant)

- AT 412403 B 20050225 - VOESTALPINE STAHL GMBH [AT]
- DE 102012110972 B3 20140306 - MUHR & BENDER KG [DE]

Citation (search report)

- [X] WO 2014207982 A1 20141231 - JFE STEEL CORP [JP] & EP 3015572 A1 20160504 - JFE STEEL CORP [JP]
- [XY] WO 2014068939 A1 20140508 - JFE STEEL CORP [JP] & EP 2915904 A1 20150909 - JFE STEEL CORP [JP]
- [YD] DE 102012110972 B3 20140306 - MUHR & BENDER KG [DE]
- [A] EP 2743320 A1 20140618 - HENKEL AG & CO KGAA [DE]

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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