

Title (en)

METHOD FOR THE ZINC PLATING, IN PARTICULAR GALVANISING, OF IRON AND STEEL PRODUCTS

Title (de)

VERFAHREN ZUR VERZINKUNG, INSBESONDERE FEUERVERZINKUNG, VON EISEN- UND STAHLERZEUGNISSEN

Title (fr)

PROCÉDÉ POUR LE ZINGAGE, EN PARTICULIER LA GALVANISATION À CHAUD, DE PRODUITS EN FER ET EN ACIER

Publication

EP 3880860 A1 20210922 (DE)

Application

EP 19801839 A 20191108

Priority

- DE 102019104766 A 20190225
- DE 102019107941 A 20190327
- DE 102019108033 A 20190328
- EP 2019080721 W 20191108

Abstract (en)

[origin: WO2020173586A1] The present invention relates to a method for producing an aluminium-alloyed (aluminium-containing) zinc layer, in particular with increased layer thickness, on an iron-based component, preferably a steel component, by means of galvanisation (hot-dip galvanisation), in particular a method for increasing and/or adjusting, preferably increasing, the layer thickness of an aluminium-alloyed (aluminium-containing) zinc layer produced by means of galvanising on an iron-based component, and to a component provided with an aluminium-alloyed (aluminium-containing) zinc layer and obtainable in this way, and to the use of said component.

IPC 8 full level

C23C 2/00 (2006.01); **C23C 2/04** (2006.01); **C23C 2/06** (2006.01)

CPC (source: EP US)

C23C 2/0038 (2022.08 - EP US); **C23C 2/04** (2013.01 - EP); **C23C 2/06** (2013.01 - EP)

Citation (search report)

See references of WO 2020173586A1

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 2020173586 A1 20200903; DE 102019108033 A1 20200827; DK 3880860 T3 20230109; EP 3880860 A1 20210922; EP 3880860 B1 20221102; ES 2934125 T3 20230217; HU E060841 T2 20230428; MA 54218 A 20210922; PL 3880860 T3 20230306; SI 3880860 T1 20230331

DOCDB simple family (application)

EP 2019080721 W 20191108; DE 102019108033 A 20190328; DK 19801839 T 20191108; EP 19801839 A 20191108; ES 19801839 T 20191108; HU E19801839 A 20191108; MA 54218 A 20191108; PL 19801839 T 20191108; SI 201930439 T 20191108