

Title (en)

PLASTIC ELEMENT, PRODUCTION DEVICE AND METHOD FOR PRODUCING THE PLASTIC ELEMENT

Title (de)

KUNSTSTOFFELEMENT, HERSTELLVORRICHTUNG UND VERFAHREN ZUM HERSTELLEN DES KUNSTSTOFFELEMENTS

Title (fr)

ÉLÉMENT EN MATIÈRE PLASTIQUE, DISPOSITIF DE FABRICATION ET PROCÉDÉ DE FABRICATION DE L'ÉLÉMENT EN MATIÈRE PLASTIQUE

Publication

**EP 3310548 A2 20180425 (DE)**

Application

**EP 16731550 A 20160615**

Priority

- DE 102015211086 A 20150617
- EP 2016063725 W 20160615

Abstract (en)

[origin: WO2016202845A2] The present invention relates to a plastic element for a vehicle, wherein the plastic element is designed as an extrusion part or as an extrusion part having a base, wherein at least a portion of the outer side of the extrusion part is coated with a paint film for forming the plastic element with a structured surface. The structured surface preferably has a structure that matches a painted surface as closely as possible, wherein the extrusion part is produced from a plastic material or a mixture of a plastic material and particles, the particles being made of a material which does not or as little as possible melt with the plastic material in order to form a structured surface of the extrusion part. In order to form the structured surface of the plastic element, the paint film reproduces the surface, which has been structured by the admixed particles, of the extrusion part and/or the surface of the paint film is structured by at least one structuring device in order to form the structured surface of the plastic element.

IPC 8 full level

**B29C 48/03** (2019.01); **B29C 48/154** (2019.01)

CPC (source: EP)

**B29C 48/0021** (2019.02); **B29C 48/03** (2019.02); **B29C 48/154** (2019.02); **B29C 48/2883** (2019.02); **B29K 2075/00** (2013.01); **B29K 2427/06** (2013.01); **B29K 2509/00** (2013.01); **B29L 2031/3005** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ 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)

**DE 102015211086 A1 20161222**; **DE 102015211086 B4 20231102**; CN 107921689 A 20180417; CN 107921689 B 20210406; EP 3310548 A2 20180425; EP 3766660 A1 20210120; EP 3766660 B1 20230809; MX 2017016193 A 20180627; WO 2016202845 A2 20161222; WO 2016202845 A3 20170209

DOCDB simple family (application)

**DE 102015211086 A 20150617**; CN 201680048137 A 20160615; EP 16731550 A 20160615; EP 2016063725 W 20160615; EP 20195886 A 20160615; MX 2017016193 A 20160615