

Title (en)

COMPOSITE CONSISTING OF A SUBSTRATE, A PLASMA POLYMER LAYER, A MIXED LAYER AND A COVER LAYER

Title (de)

VERBUND AUS SUBSTRAT, PLASMAPOLYMERER SCHICHT, MISCHSCHICHT UND DECKSCHICHT

Title (fr)

COMPOSITE FORMÉ D'UN SUBSTRAT, D'UNE COUCHE PLASMA POLYMÈRE, D'UNE COUCHE MIXTE ET D'UNE COUCHE DE COUVERTURE

Publication

**EP 3200931 B1 20220824 (DE)**

Application

**EP 15775176 A 20151001**

Priority

- DE 102014219979 A 20141001
- EP 2015072741 W 20151001

Abstract (en)

[origin: WO2016050937A1] The present invention relates to a composite consisting of a substrate, a plasma polymer layer, a cover layer and a mixed layer arranged between the cover layer and the plasma polymer layer. The invention further relates to the use of a plasma polymer layer and a mixed layer to improve adhesion between a substrate and a cover layer, and to a method for producing a corresponding mixed layer.

IPC 8 full level

**B05D 7/00** (2006.01); **B05D 1/00** (2006.01)

CPC (source: EP)

**B05D 1/62** (2013.01); **B05D 7/56** (2013.01); **B05D 2451/00** (2013.01); **B05D 2490/50** (2013.01)

C-Set (source: EP)

**B05D 2451/00 + B05D 2401/33 + B05D 2401/33 + B05D 2401/20**

Citation (examination)

- ANONYMOUS: "Duroplaste - Wikipedia", 24 January 2020 (2020-01-24), XP055675308, Retrieved from the Internet <URL:<https://de.wikipedia.org/wiki/Duroplaste>> [retrieved on 20200310]
- ANONYMOUS: "Plasmapolymerisation - Wikipedia", 10 October 2018 (2018-10-10), XP055675273, Retrieved from the Internet <URL:<https://de.wikipedia.org/wiki/Plasmapolymerisation>> [retrieved on 20200310]

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

DOCDB simple family (publication)

**DE 102014219979 A1 20160407**; EP 3200931 A1 20170809; EP 3200931 B1 20220824; ES 2927149 T3 20221102;  
WO 2016050937 A1 20160407

DOCDB simple family (application)

**DE 102014219979 A 20141001**; EP 15775176 A 20151001; EP 2015072741 W 20151001; ES 15775176 T 20151001