

Title (en)

SUPERSTRUCTURE FOR A ROAD OR SIMILAR TRAFFIC ROUTE AND METHOD FOR PRODUCING SUCH A SUPERSTRUCTURE

Title (de)

OBERBAU FÜR EINE STRASSE ODER DERGLEICHEN VERKEHRSWEG UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN OBERBAUS

Title (fr)

SUPERSTRUCTURE POUR ROUTE OU ROUTE DE CIRCULATION SIMILAIRE ET PROCÉDÉ DE FABRICATION D'UNE TELLE SUPERSTRUCTURE

Publication

**EP 4077811 A1 20221026 (DE)**

Application

**EP 20833748 A 20201214**

Priority

- DE 102019135231 A 20191219
- DE 102020103080 A 20200206
- EP 2020086000 W 20201214

Abstract (en)

[origin: WO2021122464A1] The invention relates to a superstructure (1) for a traffic route (100) comprising a bound, water-permeable top layer which is produced by the cold mixing method or which is produced by the cold or hot mixing method, comprising: at least one bright binder produced from an originally dark and in particular black binder, colored by means of bright pigments, such as Bayferrox or titanium dioxide, which in particular has the hardness level B50/70 or B 30/45 or B 20/30, or a polymer-modified binder, and in particular a synthetic resin-based binder; and bright rock and/or sand; wherein the top layer (2) has a reflection-Albedo value of > 0.15, optionally of > 0.18, and/or of < 0.6, and further optionally of 0.25-0.35; a water-permeable, bituminous, cement, synthetic resin or suchlike, adhesively bound bearing layer; and a water-retaining and water-permeable, unbound bearing layer, said unbound bearing layer (6) consisting of at least one water-retaining mineral fill; and a water-retaining filler fill which fills the cavities of the mineral fill at least in part and has a small grain size, wherein the water-retraining filler fill comprises at least 50%, optionally at least 75% and further optionally at least 95% perlite and/or expanded clay and/or Liapor or similar porous and water-retaining fillers. The invention furthermore also relates to a method for producing such a superstructure.

IPC 8 full level

**E01C 7/08** (2006.01); **E01C 7/18** (2006.01); **E01C 7/32** (2006.01); **E01C 7/34** (2006.01); **E01C 11/22** (2006.01)

CPC (source: EP)

**E01C 7/085** (2013.01); **E01C 7/18** (2013.01); **E01C 7/32** (2013.01); **E01C 7/325** (2013.01); **E01C 7/34** (2013.01); **E01C 11/226** (2013.01)

Citation (search report)

See references of WO 2021122464A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102020103080 A1 20210624**; EP 4077811 A1 20221026; WO 2021122464 A1 20210624

DOCDB simple family (application)

**DE 102020103080 A 20200206**; EP 2020086000 W 20201214; EP 20833748 A 20201214