

Title (en)

BITUMINÖSEM MISCHGUT HOHER LEISTUNGSFÄHIGKEIT FÜR STRASSEDECKEN UND STRASSEDECKE

Title (de)

HIGH PERFORMANCE BITUMINOUS COATED MATERIAL FOR ROADWAY SURFACES AND ROADWAY SURFACE

Title (fr)

ENROBE HYDROCARBONE A HAUTES PERFORMANCES POUR CHAUSSEE ET CHAUSSEE DE ROULEMENT

Publication

EP 2556193 B1 20141022 (FR)

Application

EP 11715585 A 20110322

Priority

- FR 1052595 A 20100406
- FR 2011050585 W 20110322

Abstract (en)

[origin: WO2011124799A1] The invention relates to coated material (1) for the base layer (5) of road pavement, made up of aggregate (2) coated with a hydrocarbon binder (3), wherein the aggregate (2) is more than 95 wt % of the coated material (1); wherein the aggregate (2) includes a granular structure, which includes a plurality of granular fractions d/D; one intermediate fraction of which is less than 15% of the granules; wherein the hydrocarbon binder (3) is less than 5 wt % of the coated material; wherein the coated material (1) includes, after compacting, a void fraction of less than 8%; wherein the hydrocarbon binder (3) is a hydrocarbon binder modified by adding polymers or oil, or modified by foaming or by emulsion, by means of which the modulus of rigidity of the coated material (1), once compacted, is higher than 9000 MPa.

IPC 8 full level

E01C 7/18 (2006.01)

CPC (source: EP US)

E01C 7/182 (2013.01 - EP US)

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)

FR 2958302 A1 20111007; FR 2958302 B1 20120420; AU 2011236730 A1 20121025; AU 2011236730 B2 20161124; EP 2556193 A1 20130213; EP 2556193 B1 20141022; ES 2528116 T3 20150204; NZ 602804 A 20131025; US 2013022737 A1 20130124; US 8915995 B2 20141223; WO 2011124799 A1 20111013; ZA 201207408 B 20131127

DOCDB simple family (application)

FR 1052595 A 20100406; AU 2011236730 A 20110322; EP 11715585 A 20110322; ES 11715585 T 20110322; FR 2011050585 W 20110322; NZ 60280411 A 20110322; US 201113638207 A 20110322; ZA 201207408 A 20121003