

Title (en)
Road surface construction

Title (de)
Fahrbahnkonstruktion

Title (fr)
Structure de surface routière

Publication
EP 2154293 A2 20100217 (EN)

Application
EP 09009821 A 20090729

Priority
EE U200800078 U 20080731

Abstract (en)
The presented road surface construction is designed for motorways in order to avoid cracking and crumbling of the asphalt surface. The road surface construction includes a rigid base (1), an elastic base (2), a compensator (3) for vertical and horizontal deformations of the rigid base (1), a drain layer (4), a bed for the surface (5), a net for receiving and diffusing shear stress (6), elastic deformable adhesive layers (7), a mounting layer for the surface (8), a net (9) for receiving and diffusing shear stress from the surface (10), a two-layer surface (10), and drains (11).

IPC 8 full level
E01F 5/00 (2006.01); **E01C 7/32** (2006.01)

CPC (source: EP)
E01C 7/325 (2013.01); **E01F 5/005** (2013.01)

Citation (applicant)
• US 3909143 A 19750930 - CUSHMAN WALTON W
• US 5445473 A 19950829 - CHAVEROT PIERRE [FR], et al
• US 4909662 A 19900320 - BAKER ROBERT L [US]
• CA 1031586 A 19780523 - WESTEEL ROSCO LIMITED
• GB 1100869 A 19680124 - DOW CHEMICAL CO
• CH 349636 A 19601031 - GRETILLAT RENE [CH]

Cited by
CN104314015A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2154293 A2 20100217; **EP 2154293 A3 20120523**; CN 201567514 U 20100901; EE 00787 U1 20090115

DOCDB simple family (application)
EP 09009821 A 20090729; CN 200920162267 U 20090730; EE U200800078 U 20080731