

Title (en)

Road strengthening and reinforcement during a recycling process

Title (de)

Straßenstärkung und -verstärkung während des Recyclingverfahrens

Title (fr)

Consolidation et renforcement de route pendant un processus de recyclage

Publication

EP 2511420 A1 20121017 (EN)

Application

EP 11162603 A 20110415

Priority

EP 11162603 A 20110415

Abstract (en)

The invention relates to an optional additional process during routine rehabilitation or recycling of road surfaces. More particularly, the invention relates to a process whereby a geomaterial, whether mesh, membrane, textile, grid or fabric membrane is placed underneath in-situ road surface material, which has been loosened as part of a regenerative or recycling process, as an added structural benefit to the rehabilitated road structure.

IPC 8 full level

E01C 23/03 (2006.01); **E01C 23/06** (2006.01)

CPC (source: EP US)

E01C 19/002 (2013.01 - US); **E01C 19/05** (2013.01 - US); **E01C 19/48** (2013.01 - EP US); **E01C 23/03** (2013.01 - EP US); **E01C 23/04** (2013.01 - US); **E01C 23/065** (2013.01 - EP US); **E01C 23/01/06** (2013.01 - EP US); **Y10T 29/49716** (2015.01 - EP US)

Citation (search report)

- [XYI] EP 0241803 A2 19871021 - HUESKER SYNTHETIC KG [DE]
- [YA] US 4011023 A 19770308 - CUTLER EARL F

Cited by

CN112267359A; CN111101431A; WO2022008798A1

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

DOCDB simple family (publication)

EP 2511420 A1 20121017; EP 2697434 A1 20140219; RU 2013150983 A 20150520; US 2014270953 A1 20140918; WO 2012140198 A1 20121018

DOCDB simple family (application)

EP 11162603 A 20110415; EP 12715374 A 20120413; EP 2012056780 W 20120413; RU 2013150983 A 20120413; US 201214125142 A 20120413