

Title (en)
REINFORCEMENT MESH FOR BITUMINOUS LAYERS

Title (de)
ARMIERUNGSGITTER FÜR BITUMINÖSE SCHICHTEN

Title (fr)
GRILLAGE D'ARMATURE POUR COUCHES BITUMINEUSES

Publication
EP 1490553 A1 20041229 (DE)

Application
EP 03706610 A 20030311

Priority
• DE 10213057 A 20020322
• EP 0302458 W 20030311

Abstract (en)
[origin: WO03080934A1] The invention relates to reinforcement mesh for bituminous layers, in particular for bitumen-containing carriageway coatings, with crossed strands of synthetic material. The aim of the invention is to produce a reinforcing mesh which can take extreme forces introduced into a bituminous layer and is elastically deformable. Said aim is achieved whereby the strands are made from a synthetic material with a ductile yield of between 3 % and 8 %, preferably between 5 % and 6 %.

IPC 1-7
E01C 11/16; D03D 13/00

IPC 8 full level
B32B 5/26 (2006.01); **B32B 11/02** (2006.01); **B32B 11/10** (2006.01); **D03D 1/00** (2006.01); **D03D 9/00** (2006.01); **D03D 13/00** (2006.01); **D03D 19/00** (2006.01); **D06M 13/02** (2006.01); **E01C 11/16** (2006.01)

CPC (source: EP US)
D03D 9/00 (2013.01 - EP US); **D03D 13/00** (2013.01 - EP US); **D03D 13/006** (2013.01 - EP US); **D03D 19/00** (2013.01 - EP US); **D04B 21/165** (2013.01 - EP); **E01C 11/165** (2013.01 - EP US); **D10B 2403/02412** (2013.01 - EP); **D10B 2505/02** (2013.01 - EP); **Y10T 442/172** (2015.04 - EP US); **Y10T 442/181** (2015.04 - EP US); **Y10T 442/198** (2015.04 - EP US)

Citation (search report)
See references of WO 03080934A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03080934 A1 20031002; AU 2003208704 A1 20031008; BR 0303087 A 20040615; DE 10213057 A1 20031002; EP 1490553 A1 20041229; JP 2005520959 A 20050714; RU 2004131215 A 20050710; RU 2299217 C2 20070520; US 2005106964 A1 20050519

DOCDB simple family (application)
EP 0302458 W 20030311; AU 2003208704 A 20030311; BR 0303087 A 20030311; DE 10213057 A 20020322; EP 03706610 A 20030311; JP 2003578649 A 20030311; RU 2004131215 A 20030311; US 50708504 A 20040908