

Title (en)

Use of a textile lattice for reeinforcing bitumen-bonded asphalts layers

Title (de)

Verwendung eines textilen Gitters zum Bewehren bitumengebundener Asphaltschichten

Title (fr)

Utilisation d'un treillis textile pour renforcer des couches d'asphalte liées par du bitume

Publication

EP 0956392 B1 20020320 (DE)

Application

EP 97954723 A 19971205

Priority

- DE 19652584 A 19961217
- EP 9706809 W 19971205

Abstract (en)

[origin: US2003017771A1] The invention relates to a wide-meshed, textile lattice to provide reinforcement for bitumen-bonded layers, in particular of road surfacing, which is coated with a bonding compound having an affinity for bitumen and essentially consisting of two sets of parallel, load-bearing threads (1, 2), whereby one set of threads (1) extends in the longitudinal direction of the lattice and the other set of threads extends in the direction perpendicular to the longitudinal direction of the lattice and the threads (1, 2) are of glass fibres or chemical fibres such as polymer fibres or polycondensate fibres. In order to develop a reinforcing lattice for bitumen-bonded layers which provides a better bond with a pre-prepared formation than the known lattices, the over-crossed threads (1, 2) are secured to a thin fleece (3) by Raschel-locking, whereby the binding Raschel-locking threads (5) surround the longitudinally extending threads (1) of the lattice and secure the threads (2) extending transversely.

IPC 1-7

E01C 11/16

IPC 8 full level

E01C 11/16 (2006.01); **E04C 5/07** (2006.01)

CPC (source: 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 428/24033** (2015.01 - EP US); **Y10T 428/24273** (2015.01 - EP US); **Y10T 442/10** (2015.04 - EP US); **Y10T 442/133** (2015.04 - EP US); **Y10T 442/159** (2015.04 - EP US); **Y10T 442/172** (2015.04 - EP US); **Y10T 442/181** (2015.04 - EP US); **Y10T 442/183** (2015.04 - EP US); **Y10T 442/184** (2015.04 - EP US); **Y10T 442/191** (2015.04 - EP US); **Y10T 442/197** (2015.04 - EP US); **Y10T 442/198** (2015.04 - EP US)

Citation (examination)

- DE 9207367 U1 19920910
- DE 9400650 U1 19940317 - RADTKE JOHANNES [DE]
- DE 7320271 U 19731122

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EP1693517A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

US 24553602 A 20020917; AT 01121592 T 19971205; AT 97954723 T 19971205; AU 5983698 A 19971205; CA 2274798 A 19971205; CZ 182899 A 19971205; DE 19652584 A 19961217; DE 59706710 T 19971205; DE 59710587 T 19971205; EP 01121592 A 19971205; EP 03005795 A 19971205; EP 9706809 W 19971205; EP 97954723 A 19971205; ES 01121592 T 19971205; ES 97954723 T 19971205; JP 52725298 A 19971205; MY PI9705322 A 19971110; NO 992840 A 19990611; PL 33394897 A 19971205; RU 99115877 A 19971205; TW 86117643 A 19971125; US 33128299 A 19991004