

Title (en)

Method for sealing the joint between two road parts which are movable relative to each other and are provided with an asphalt road surface, in particular the joint between two bridge roadway parts or between a bridge roadway part and a land-abutment part.

Title (de)

Verfahren zum Dichten der Fuge zwischen zwei relativ zueinander beweglichen asphaltierten Fahrbahnteilen, insbesondere eine Fuge zwischen zwei Brückenfahrbahnteilen oder zwischen einem Brücken- und Landfahrbahnteil.

Title (fr)

Procédé d'étanchéification du joint entre deux parties de chaussée relativement mobiles avec un revêtement de bitume, notamment le joint entre deux tabliers de pont ou un tablier de pont et une culée.

Publication

EP 0506196 B1 19951122 (EN)

Application

EP 92200837 A 19920323

Priority

NL 9100524 A 19910325

Abstract (en)

[origin: EP0506196A1] For sealing the join (3) between two road parts (1,2) which are movable relative to each other and are to be provided with, or have already been provided with, an asphalt road surface (4.5), in particular the join between two bridge roadway parts or between a bridge roadway part and a land-abutment part, a recess (6) is made at the site of the join in at least the hot-rolled asphalt covering said parts, and a material with elastic properties is placed in the recess. In order to provide a water-permeable or water-draining and low-noise filling of the recess at the position of the join, without adversely affecting the elasticity and flexibility of said filling, which is necessary to avoid cracks forming, at least the bottom of the recess is covered with an elastic sealing membrane layer (7), a hard strip (8), for example of metal, is placed in said layer above the join, the membrane layer extending over the strip, and the recess above the membrane layer is filled with elastic hot-rolled asphalt (9,10) of which at least the top layer is made of very open elastic hot-rolled asphalt (10). <IMAGE>

IPC 1-7

E01D 19/06; **E01C 11/22**

IPC 8 full level

E01C 11/22 (2006.01); **E01D 19/06** (2006.01)

CPC (source: EP)

E01C 11/225 (2013.01); **E01C 11/226** (2013.01); **E01D 19/067** (2013.01)

Cited by

EP0857824A1; CN102121222A; KR100469473B1; CN110670473A; ITUA20163685A1; CN112900191A; EP2108739A3; US5991077A; EP0687773A1; CN106480798A; CN111997098A; NL1005198C2; FR2696764A1; BE1006676A5; CH684698A5; ES2081753A1; CN111877141A; WO2005071165A1; WO2020078160A1; WO2017203548A1; WO2023110603A1

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