

Title (en)

Process for linking the ends of a bridge with the roadway and the embankment.

Title (de)

Verfahren zum Verbinden von Brückenenden mit der Fahrbahn und der Aufschüttung.

Title (fr)

Procédé pour le raccordement des extrémités d'ouvrages d'art à la chaussée et au remblai des ouvrages.

Publication

EP 0161148 A1 19851113 (FR)

Application

EP 85400631 A 19850401

Priority

FR 8405138 A 19840402

Abstract (en)

1. Process for ensuring a tight and strong binding between the ends of a work of art such as bridge or similar, and the main roadway into line (5) which covers the embankment (7), characterized by the placing in position of a concrete body or unit block (8) in the free transition space between the unity embankment-roadway and the supporting end pier (1) and by the use, as composition for joint between the coating (4) of the super structure (2) of the bridge and the superdicial material (4) of the road, of a mastic (10) comprising a mixture of 75-80 % (in weight) of granulates of mean diameter 4 to 20 mm and 25 to 20 % (in weight) of binding bitumen/elastomer vulcanized with sulfur having good mechanical and viscoelasticity features up to low temperatures of less 208C.

Abstract (fr)

Selon l'invention, on met en place, dans l'espace bordé par la pile (1) et son tablier (2), le remblai (7) et le corps de chaussée (6) ainsi que le revêtement de surface (4), un bloc unitaire (8) en béton maigre ou analogue, coulé dans une enveloppe (9) en non-tissé synthétique ; puis on utilise comme joint entre les parties de revêtements de chaussée (4) un mastic (10) comprenant un mélange de 75 à 80 % (poids) de granulats de 4 à 20 mm et 25 à 20 % (poids) de liant bitume élastomère vulcanisé au soufre, de type connu en soi. Application, notamment aux raccordements des extrémités de ponts ou analogues à la chaussée principale d'alignement.

IPC 1-7

E01D 19/02; **E01D 19/06**

IPC 8 full level

E01D 19/02 (2006.01); **E01D 19/06** (2006.01)

CPC (source: EP)

E01D 19/02 (2013.01); **E01D 19/06** (2013.01); **E01D 19/067** (2013.01)

Citation (search report)

- [A] GB 2065203 A 19810624 - ADVANCED SEALANTS LTD
- [AD] EP 0000642 B1 19810819
- [AD] EP 0020203 A1 19801210 - VIAFRANCE SA [FR]
- [A] RAILWAY GAZETTE INTERNATIONAL, vol. 135, no. 1, janvier 1979, pages 51-56, Londres, GB; A. PRUD'HOMME: "Building the world's fastest railway"

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