

Title (en)

Expansion joint between two adjacent elements of a road bridge.

Title (de)

Dehnungsfuge zwischen zwei benachbarten Strassenbrückenelementen.

Title (fr)

Joint de dilatation entre deux éléments adjacents d'un pont routier.

Publication

EP 0444236 A1 19910904 (EN)

Application

EP 90109429 A 19900518

Priority

IT 1242990 A 19900227

Abstract (en)

This joint is consisting of an excavation or trench (5) coinciding with the hollow space or gap (3) between the two adjacent bridge elements (1, 2) and filled two layers of material, i.e. a lower, highly viscoelastic layer and an upper wearing course (14) having low viscoelastic properties and therefore rigid and strong. Two excavated strips (15) in highly deformable material are located on both sides of the top layer. A wire netting separates the lower layer (12) from the top layer (14). All thermal and mechanical deformations of the two bridge elements (1, 2) are absorbed by the lower layer (12) of the joint and by the two strips (15) located on both sides of the upper layer (14), thus safeguarding the integrity and resistance to wear of the top layer (14). <IMAGE>

IPC 1-7

E01D 19/06; **E01D 19/08**

IPC 8 full level

E01D 19/06 (2006.01); **E01D 19/08** (2006.01)

CPC (source: EP)

E01D 19/067 (2013.01); **E01D 19/086** (2013.01)

Citation (search report)

- [A] GB 2065203 A 19810624 - ADVANCED SEALANTS LTD
- [A] GB 2218437 A 19891115 - SHO BOND CONST [JP]
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- [A] DE 2826960 A1 19800103 - STRABAG BAU AG
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Designated contracting state (EPC)

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