

Title (en)  
DEVICE FOR CONNECTING TWO ROAD SECTION SEPARATED BY AN EXPANSION JOINT

Publication  
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Application  
**EP 89911253 A 19890927**

Priority  
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Abstract (en)  
[origin: WO9003469A1] The device for connecting two road sections (1a, 1b), separated by an expansion joint (3) is comprised of a plurality of joint covers (2) arranged butt-to-butt and wherein each joint cover (2) has at least one deformable area (4) which extends parallel to the joint (3), delimited by two fixing elements (5a and 5b) connected respectively to the two road sections (1a, 1b). The deformable area (4) is formed by alternate deformable carrier elements (6) and by bellows (7). On either side of each bellows (7) two indeformable carrier elements (18) are provided which belong respectively to the fixing elements (5a, 5b). Each of the deformable carrier elements (6) has a horizontal metal plate situated at the upper part of the joint cover (2) and supported by two elastomer blocks which are deformable by horizontal shearing and which are arranged symmetrically with respect to a vertical plane parallel to the joint (3). Each of the bellows (6) is provided with a continuous, relatively thin, non planar elastomer wall. Utilization for improving the running of vehicles on road joints.

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