

Title (en)

REINFORCED DILATATION JOINT FOR ROAD AND RAILROAD APPLICATIONS

Title (de)

VERSTÄRKTE DEHNUNGSFUGE FÜR STRASSEN- UND SCHIENENBAUANWENDUNGEN

Title (fr)

JOINT DE DILATATION RENFORCÉ POUR EMPLOI DANS LA CONSTRUCTION DES ROUTES ET CHEMINS DE FER

Publication

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Application

**EP 21173317 A 20210511**

Priority

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Abstract (en)

[origin: EP3910108A1] The present invention relates to a reinforced expansion joint (10) for road and rail applications, comprising:- an upper central flat block (11), with a reinforcement armature (12);- two lower lateral flat blocks (13, 14), with a respective reinforcement armature (15, 16);the upper central flat block (11) and the lower lateral flat blocks (13, 14) being connected by means of respective first elastically deformable junction sections (17, 18).Said reinforced expansion joint (10) also comprises:- two upper lateral flat blocks (19, 20), positioned on opposite sides of the upper central flat block (11), connected to the two lower lateral flat blocks (13, 14) through corresponding second elastically deformable junction sections (21, 22);- two opposite end blocks (25, 26), each developing from an upper lateral flat block (19, 20) downwards, with respect to an arrangement of use;- a reinforcement armature (23, 24), positioned inside each of the upper lateral flat blocks (19, 20) and configured in such a way as to extend in the upper portion (25a, 26a) of the respective end block (25, 26);- an anchoring armature (27, 28) positioned inside the lower part (25b, 26b) of a corresponding end block (25, 26).

IPC 8 full level

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