

Title (en)  
DEVICE FOR THE SUBSEQUENT STABILISATION OF WATER-PERMEABLE GAP CHAMBER BREAKS IN BRIDGES, TUNNELS AND BUILDINGS

Title (de)  
VORRICHTUNG ZUM NACHTRÄGLICHEN STABILISIEREN VON WASSERDURCHLÄSSIGEN FUGENKAMMERRISSEN IN BRÜCKEN, TUNNELN UND GEBÄUDEN

Title (fr)  
DISPOSITIF DE STABILISATION ULTÉRIEURE DE FISSURES DE CAVITÉ DE JOINT PERMÉABLES À L'EAU DANS DES PONTS, TUNNELS ET BÂTIMENTS

Publication  
**EP 3452668 B1 20200318 (DE)**

Application  
**EP 18718798 A 20180418**

Priority  
• EP 17166769 A 20170418  
• EP 2018059818 W 20180418

Abstract (en)  
[origin: WO2018192935A1] The application comprises devices of a joint cavity injection system for subsequent stabilisation of water-permeable joint cavity/concrete coverings in bridges, tunnels and buildings, which devices, coated over the length and width with a reusable sealing cushion, are attached at the outer sides by means of a self-adhesive swelling non-woven sealing tape having a weight of at least 480 g/m<sup>2</sup>, which on the longitudinal side and the transverse side has closures resistant to internal pressure with a diffusion rate of 0.73 mbarl/year and is filled or evacuated via a plastic-coated, metal compressed-air valve having a valve extension, wherein the joint cavity and concrete cracks can be filled with injection medium according to requirements, using a joint injection system. The devices consist of an injection medium feed device, a swelling non-woven injection compartment system, and an injection medium stop plug, which are secured to the sealing cushion on site or at the factory or can be slid over the sealing cushion by means of a slide-on joint injection microcable tube, a swelling non-woven injection compartment system and an injection medium stop plug.

IPC 8 full level  
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CPC (source: EP)  
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