

Title (en)

ROAD EXPANSION JOINT WITH FINGER PLATES

Title (de)

FAHRBAHNÜBERGANG MIT FINGERPLATTEN

Title (fr)

JOINT DE CHAUSSEE AVEC ELEMENTS A PEIGNE

Publication

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Application

EP 15825782 A 20151130

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Abstract (en)

[origin: WO2016086247A1] The invention relates to a fastening assembly in a road joint in an embodiment comprising a finger joint. When the finger plate (20) is fastened to the cage (30), which is embedded in concrete by means of link-plates (40), a screw and a washer are inserted into grooves provided in the cage (30), which grooves hold the screw head securely against rotation. Shear pins (25) are situated between the cage and the finger plate, said pins ensuring a defined transmission of forces and allowing small height adjustments. In addition, the screws can be held in the correct position by means of the shear pin (25), thus further simplifying assembly. The positioned finger plate (20) with the washers and nuts is securely connected to the cage (30) by means of the fastening fittings (10). In addition to a simple assembly, a simple replacement of the fastening fittings (10) and optionally the shear pin (25) during maintenance work is made possible.

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