

Title (en)

ELECTRICALLY INSULATING RAIL JOINT AND METHOD TO PRODUCE SUCH A RAIL JOINT

Title (de)

ELEKTRISCH ISOLIERENDER SCHIENENSTOSS UND VERFAHREN ZUR HERSTELLUNG SOLCH EINES SCHIENENSTOSSES

Title (fr)

JOINT DE RAIL ÉLECTRIQUEMENT ISOLANT ET PROCÉDÉ DE FABRICATION D'UN JOINT DE RAIL DE CE TYPE

Publication

**EP 2097585 A1 20090909 (EN)**

Application

**EP 07857068 A 20071221**

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Abstract (en)

[origin: WO2008077617A1] An electrically insulating rail joint for isolating two successive rails or rail portions (1, 2) with' a ceramic insulating element (17) between the end faces of the rail's or rail portions (1, 2), wherein connecting means, (6, 7) provided to connect the rails or rail portions, are adapted to retain a compressive force applied to the electrically insulating element (17) between the end faces of the rails or rail portions (1, 2). A method to produce such a rail joint and to a rail part comprises the steps of providing a gap between two successive rail portions (1, 2) connecting the rail portions to each other, exerting a tensile force on the rail portions, inserting an electrically insulating element (17) in the gap between the end faces of the rail portions (1, 2) and releasing the tensile force exerted on the rail portions at both sides of the gap.

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