

Title (en)
ELECTRICALLY INSULATED RAIL

Title (de)
SCHIENE MIT ELEKTRISCHER ISOLIERUNG

Title (fr)
RAIL AVEC ISOLATION ÉLECTRIQUE

Publication
EP 3380672 B1 20200513 (DE)

Application
EP 17742735 A 20170721

Priority
• DE 102016114172 A 20160801
• EP 2017068438 W 20170721

Abstract (en)
[origin: WO2018024502A1] A rail (11) for electric railways, in particular tramways, is elastically embedded in a substructure (40). The electric insulation of the rail (11) with respect to the substructure (40) is adhesively applied to the rail surface by spraying in the form of an elastic, flexibly curing and volume-compressible and shear-flexible layer (20). The total thickness (25) of the layer (20) is at least 4 mm. The outer face (30) of the layer (20) is structured in such a way that it is adhesively joined with the substructure by bonding or a form-fit connection.

IPC 8 full level
E01B 5/02 (2006.01); **E01B 5/08** (2006.01); **E01B 19/00** (2006.01); **E01B 21/00** (2006.01); **E01B 26/00** (2006.01)

CPC (source: EP)
E01B 5/02 (2013.01); **E01B 21/00** (2013.01); **E01B 5/08** (2013.01); **E01B 19/00** (2013.01); **E01B 26/00** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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