

Title (en)  
ELECTRICAL CONTACT COUPLING

Title (de)  
ELEKTROKONTAKTKUPPLUNG

Title (fr)  
DISPOSITIF D'ACCOUPLEMENT À CONTACT ÉLECTRIQUE

Publication  
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Application  
**EP 16192552 A 20161006**

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Abstract (en)  
[origin: CN106965829A] The invention relates to an insertion-connection device used for a contact coupler used in a rail vehicle, particularly a train. The insertion-connection device is used for connecting a plurality of electric conductors of two rail vehicles, the electric conductors are designed to be used for transmitting electrical signals or/and electric energy, the insertion-connection device has a carrier plate and a plurality of contacts fixed thereon, the contacts are arranged at two sides of a central axis and the contact on one side of the central axis is matched with the contact on the other side of the central axis, and the at least one contact on one side of the central axis is redundantly designed relative to the contact on the other side of the central axis. According to the stipulation of the invention, the carrier plate has two layers, wherein the first signal layer is designed to be used for guiding signals, and the second shielding layer is designed to be used for shielding signals.

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