

Title (en)

Power track system

Title (de)

Schienensystem mit elektrischer Energie

Title (fr)

Système de rail d'énergie électrique

Publication

EP 1246319 B1 20060621 (EN)

Application

EP 01302823 A 20010327

Priority

EP 01302823 A 20010327

Abstract (en)

[origin: EP1246319A1] A power track system comprises power track sections 10 formed in the normal way from a channel member and a cover means for closing the open face of the channel member, with a plurality of electrically conductive strips 31,32,33,34 and 35 located in the channel member, the power track sections being placeable end to end. A coupler means 70 is provided for coupling power track portions placed end to end, the coupler means 70 having a first set of electrically conductive connectors 101,102,103,104,105 and 106 projecting from the coupler means 70 for engaging electrically conductive strips 31,32,33,34,35 and the metal wall 14 of the power track. The coupler means 70 comprises a second set of electrically conductive connectors, connected to corresponding connectors of the first set, for engaging the electrically conductive strips of a second power track. The connectors of the first and second set each comprise a first connector portion 121 and a second connector portion 122 resiliently mounted with respect to the first connector portion 121 and facing the first connector portion 121 for gripping an electrically conductive strip 31,32,33,34,35 or the metal wall 14 of the power track therebetween. <IMAGE>

IPC 8 full level

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CPC (source: EP)

H01R 25/162 (2013.01)

Cited by

DE102011056043A1; DE102008014731A1; GB2557799A; DE102011056043B4; DE102008014731B4; DE102008032192B3; DE102010055789A1; DE102010055789B4; WO2017033011A1; DE102007033945A1

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