

Title (en)
Insulated rail joint

Title (de)
Isolierte Schienenverbindung

Title (fr)
Joint de rail isolé

Publication
EP 1164222 A1 20011219 (EN)

Application
EP 01304841 A 20010601

Priority
GB 0014318 A 20000612

Abstract (en)
An insulated rail joint uses rail sections having head portion (20A) and a supporting portion (20B) having substantially the same width. The rail sections are terminated with a connection face (30) which extends at an angle to the plane perpendicular to the rail length, and the insulated joint is formed by sandwiching an insulating member between the connection faces. The angled connection between rail sections results in a progressive transfer of force from one rail section to the other as the train passes over the joint. As the rail section has a substantially constant width, connection of the supporting portions of the two rails can achieve secure connection of the rail heads. <IMAGE>

IPC 1-7
E01B 11/54; **E01B 11/24**

IPC 8 full level
E01B 11/24 (2006.01); **E01B 11/54** (2006.01)

CPC (source: EP)
E01B 11/24 (2013.01); **E01B 11/54** (2013.01)

Citation (applicant)
WO 9963160 A1 19991209 - PENNY CHARLES [GB]

Citation (search report)
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