

Title (en)
Embedded rail

Title (de)
Eingebettete Schiene

Title (fr)
Rail à gorge

Publication
EP 1400628 A2 20040324 (EN)

Application
EP 03255647 A 20030910

Priority
GB 0220918 A 20020910

Abstract (en)
A rail track assembly comprises a concrete bed or beam 10 in which is embedded a rail 1 which is clad in an elastomer sheath 2, and coated within the sheath with a coating layer 3 of an electrically insulating and corrosion resistant material such as an epoxide or polyurethane resin. The running surfaces 16 are left exposed. A fabrication method comprises first abrading the surface of the rail, applying the coating 3, inserting the rail into the sheath 2 and casting the concrete bed about the sheathed rail. <IMAGE>

IPC 1-7
E01B 9/62; **E01B 21/00**

IPC 8 full level
E01B 21/02 (2006.01)

CPC (source: EP)
E01B 21/00 (2013.01)

Cited by
CN105735057A; CN105568781A; EA016922B1; WO2009128707A1; WO2018024502A1; EP2333155A2

DOCDB simple family (publication)
EP 1400628 A2 20040324; **EP 1400628 A3 20040512**; **EP 1400628 B1 20070829**; AT E371768 T1 20070915; DE 60315931 D1 20071011; DE 60315931 T2 20080521; ES 2292908 T3 20080316; GB 0220918 D0 20021023; PT 1400628 E 20071206

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