Title (en)

RAILWAY TRACK SUPPORT SYSTEM

Title (de)

GLEISSTÜTZSYSTEM

Title (fr)

SYSTÈME DE SUPPORT DE VOIE FERRÉE

Publication

EP 2744942 A1 20140625 (EN)

Application

EP 12753228 A 20120816

Priority

- GB 201114087 A 20110816
- GB 2012052005 W 20120816

Abstract (en)

[origin: GB2493731A] A railway track stabilisation method and system comprising insertion of an elongate support, such as a pile 20, having a generally hollow interior into the ground in the vicinity of existing railway track 12 in situ. The support is inserted to a depth such that the entire support is below the surface of the ground thereby leaving a void between the support and the surface of the ground. A cementitious material is inserted into the hollow interior of the support. Ballast material is subsequently inserted into the void between the support and the ground surface. Supports may be inserted between existing sleepers 14 and/or rails 12. Supports may be overfilled with the cementitious material such that a portion of the material forms a cementitious cap 27.

IPC 8 full level

E01B 2/00 (2006.01); **E02D 3/08** (2006.01)

CPC (source: EP GB)

E01B 2/006 (2013.01 - EP GB); **E02D 3/08** (2013.01 - EP)

Citation (search report)

See references of WO 2013024299A1

Cited by

US2016194833A1; US10501893B2; US11512435B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

GB 201114087 D0 20110928; **GB 2493731 A 20130220**; CA 2848527 A1 20130221; CA 2848527 C 20190618; EP 2744942 A1 20140625; EP 2744942 B1 20160518; ES 2587272 T3 20161021; NZ 622417 A 20150925; WO 2013024299 A1 20130221

DOCDB simple family (application)

GB 201114087 A 20110816; CA 2848527 A 20120816; EP 12753228 A 20120816; ES 12753228 T 20120816; GB 2012052005 W 20120816; NZ 62241712 A 20120816