

Title (en)

Rail pads and methods of upgrading railway track using such pads.

Title (de)

Schienenunterlagen und Verfahren zur Verbesserung von Eisenbahngleisen unter Verwendung solcher Unterlagen.

Title (fr)

Semelles pour rails, et méthode de modification de voies de chemin de fer utilisant de telles semelles.

Publication

**EP 0388190 A1 19900919 (EN)**

Application

**EP 90302747 A 19900315**

Priority

GB 8905917 A 19890315

Abstract (en)

A pad which is suitable to be placed on a foundation for a railway rail and to have the rail standing on it, the pad being generally rectangular and comprising a web (1) from which, when the web (1) is lying horizontally, protuberances (2, 3) project upwardly but no protuberances project downwardly, is characterised in that there are tens of the protuberances (2, 3) in the form of studs, each of which, except possibly at the edges of the pad, is completely surrounded by a portion of the web (1) which is free from protuberances (2, 3), the studs having convexly rounded tips and all the studs, except possibly at the edges of the pad, being substantially identical and of circular cross-section. The pad is further characterised in that it has two ears (8) projecting laterally from each of two opposite edges of the pad to receive between them a part projecting upwardly from the rail foundation whereby the pad is prevented from moving along the rail. The pad is still further characterised in that it is no more than 6.5mm. thick. Preferably, the pad is no more than 6mm. thick, and is desirably about 5.5mm. thick. A method of upgrading a section of railway track using such a pad is also disclosed.

IPC 1-7

**E01B 9/68**

IPC 8 full level

**E01B 9/68** (2006.01)

CPC (source: EP)

**E01B 9/686** (2013.01)

Citation (search report)

- [Y] EP 0236703 A2 19870916 - CLOUTH GUMMIWERKE AG [DE]
- [Y] EP 0169685 A2 19860129 - PANDROL LTD [GB]
- [A] GB 2094377 A 19820915 - ARUN PLASTICS LTD, et al
- [A] DE 7718527 U1 19771006

Cited by

EP2559810A3; CN102472020A; US8905322B2; US8888012B2; WO2024064530A3; WO9425675A3; WO2011020794A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0388190 A1 19900919; EP 0388190 B1 19930728**; AT E92126 T1 19930815; CA 2012143 A1 19900915; DE 69002354 D1 19930902; ES 2043272 T3 19931216; GB 2229213 A 19900919; GB 2229213 B 19930310; GB 8905917 D0 19890426; GB 9005892 D0 19900509

DOCDB simple family (application)

**EP 90302747 A 19900315**; AT 90302747 T 19900315; CA 2012143 A 19900314; DE 69002354 T 19900315; ES 90302747 T 19900315; GB 8905917 A 19890315; GB 9005892 A 19900315