

Title (en)
Support structure for a railway track section

Title (de)
Lagerung für einen Gleisabschnitt

Title (fr)
Structure de support pour section de voie ferrée

Publication
EP 1041200 B1 20061108 (DE)

Application
EP 00106189 A 20000322

Priority
DE 19914837 A 19990401

Abstract (en)
[origin: EP1041200A2] The system incorporates a bed plate (20) and an intermediate layer (36) of elastic material under the sleeper etc. An intermediate plate (38) is located between bed plate and elastic layer, to transfer the load from the bed plate to the elastic layer. The intermediate plate engages around the sleeve (28,30) having the collar (32,34) on the support side, so that with conventional introduction of forces into the bed plate, the intermediate plate extends at a distance to the collar, and engages the collar when the force introduction is unacceptable. The intermediate layer has a stiff insert of e.g. metal or plastic.

IPC 8 full level
E01B 9/48 (2006.01); **E01B 9/38** (2006.01); **E01B 9/68** (2006.01)

CPC (source: EP)
E01B 9/38 (2013.01); **E01B 9/483** (2013.01); **E01B 9/686** (2013.01); **E01B 9/681** (2013.01)

Cited by
DE102010009240A1; GB2572413A; GB2572413B; WO2013091590A2; US11939728B2; WO2019186097A1; DE202018106074U1; WO2020084007A1

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