

Title (en)
Connection between sleeper sections

Title (de)
Verbindung zwischen Schwellenabschnitten

Title (fr)
Liaison entre sections des traverses

Publication
EP 0812959 A3 19980520 (DE)

Application
EP 97109464 A 19970611

Priority
DE 19623189 A 19960611

Abstract (en)
[origin: EP0812959A2] The joint allows relative movement in the vertical direction between the sleeper sections while keeping them at a constant distance apart. It comprises a plate (26) joined by components such as screws to the sections, together with an elastically supported insert (42) joined to one of the sections. Intermediate plates (20,22) are mounted between the first plate and each sleeper section. The first plate (26) is joined to one of the sections by a component passing through the insert. The latter can be joined to the sleeper section by one or more protrusions such as dowels, either directly or via a ribbed intermediate plate (22), particularly so as to prevent it turning.

IPC 1-7
E01B 7/22; **E01B 3/00**; **E01B 3/16**; **E01B 3/48**

IPC 8 full level
E01B 3/00 (2006.01); **E01B 3/16** (2006.01); **E01B 3/38** (2006.01); **E01B 3/48** (2006.01); **E01B 7/22** (2006.01)

CPC (source: EP)
E01B 3/38 (2013.01); **E01B 3/48** (2013.01)

Citation (search report)
[DXA] DE 4313822 A1 19941103 - BUTZBACHER WEICHENBAU GMBH [DE]

Cited by
GB2421264A; GB2431956A; AT521152A4; AT521152B1; US9145647B2; WO2012025170A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0812959 A2 19971217; **EP 0812959 A3 19980520**; **EP 0812959 B1 20011004**; AT E206495 T1 20011015; DE 19623189 A1 19971218; DE 59704752 D1 20011108; ES 2165544 T3 20020316

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