

Title (en)

Ballastless railway track with elastically supported sound absorber elements

Title (de)

Feste Fahrbahn mit elastisch aufgelagerten Schallabsorberelementen

Title (fr)

Voie ferroviaire sans ballast avec des éléments d'absorption acoustique soutenus élastiquement

Publication

**EP 1258563 A3 20030604 (DE)**

Application

**EP 02005958 A 20020315**

Priority

DE 10123660 A 20010515

Abstract (en)

[origin: EP1258563A2] The railway permanent way has sleepers (3) embedded in cast concrete or asphalt (6), especially two-part concrete sleepers, together with elastic sound absorption units (10,11). The elastic damper underlays (15,16) for the sound absorbers hold them so that they cannot slide across the track. The sound absorbers between the rails (4,5) are on damper strips, with upright lips (17) to grip with a centering action between the sound absorbers and the heads of the sleepers. The lips have a conical shape, tapering upwards.

IPC 1-7

**E01B 1/00**; **E01B 19/00**

IPC 8 full level

**E01B 1/00** (2006.01); **E01B 19/00** (2006.01)

CPC (source: EP)

**E01B 1/004** (2013.01); **E01B 19/003** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/07** (2013.01); **E01B 2204/09** (2013.01)

Citation (search report)

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- [A] DE 19529754 A1 19970220 - WAYSS & FREYTAG AG [DE]

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