

Title (en)
Device for expansion of a guide rail

Title (de)
Vorrichtung zur Ausdehnung einer Führungsschiene

Title (fr)
Dispositif de dilatation d'un rail de guidage

Publication
EP 2500468 A1 20120919 (FR)

Application
EP 12305290 A 20120313

Priority
FR 1152058 A 20110314

Abstract (en)
The device has a lubrication system for lubrication of a path portion (2) of a guide rail (1) to facilitate movement in translation of the rail with respect to a ground surface. The path portion of the rail is continuously formed by successive recesses based on thickness of the rail along predefined widths of the recesses, and is alternately arranged at two sides of the rail in planes parallel to each other. Each recess is filled with an elastomer material. An angle iron is positioned on two sides of a base of the rail. The elastomer material is polyurethane resin, foam or silicone.

Abstract (fr)
La présente invention a pour objet un dispositif de dilatation d'un rail (1) adapté au guidage de roues d'au moins un véhicule sur une voie caractérisé en ce que le rail (1) comprend une portion de voie (2) continue formée par une pluralité de dégagements successifs dans l'épaisseur du rail (1) selon des largeurs prédéfinies de dégagements et disposés alternativement de part et d'autre du rail (1) dans des plans parallèles entre eux pour supprimer toute continuité axiale du rail (1) au niveau de la portion de voie (2).

IPC 8 full level
E01B 5/14 (2006.01); **E01B 11/00** (2006.01); **E01B 11/44** (2006.01); **E01B 25/28** (2006.01)

CPC (source: EP)
E01B 5/14 (2013.01); **E01B 11/44** (2013.01); **E01B 25/28** (2013.01)

Citation (applicant)
WO 2010018310 A1 20100218 - SIEMENS TRANSP SYSTEMS SAS [FR], et al

Citation (search report)
• [XAY] GB 363538 A 19311224 - ALBERT KOENIG
• [X] DE 583928 C 19330912 - VER STAHLWERKE AG
• [YA] WO 2010018310 A1 20100218 - SIEMENS TRANSP SYSTEMS SAS [FR], et al
• [A] GB 191123859 A 19120815 - ZELL ERLAND [SE]

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EP3477004A1; FR3007430A1; EA029739B1; US9963833B2; US11111634B2; GB2609295A; GB2609295B; WO2014207339A1; WO2022258618A1

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