

Title (en)

Fixing and adjustment device for a railway vehicle

Title (de)

Befestigungs- und Einstellvorrichtung für ein Schienenfahrzeug

Title (fr)

Dispositif de fixation et de réglage pour un véhicule ferroviaire

Publication

**EP 2145810 A1 20100120 (DE)**

Application

**EP 08013009 A 20080718**

Priority

EP 08013009 A 20080718

Abstract (en)

The height-adjustable fastening device has a clamping piece attached on a rail vehicle. An adjustment screw (15) is provided between the clamping piece and a clamping plate (13). The adjustment screw is arranged parallel to a clamping surface. The clamping surface has multiple sub-surfaces spaced apart from each other.

Abstract (de)

Es wird eine höhenverstellbare Befestigungsvorrichtung (9) für Bauteile an Schienenfahrzeugen vorgeschlagen. Diese Befestigungsvorrichtung (9) ermöglicht es, einer Person einfach und rasch eine genaue Höhenverstellung vorzunehmen.

IPC 8 full level

**B61K 3/02** (2006.01); **B61K 13/00** (2006.01)

CPC (source: EP)

**B61K 3/02** (2013.01); **B61K 13/00** (2013.01)

Citation (applicant)

- AT 325669 B 19751110 - KNORR BREMSE GMBH [DE]
- US 5251714 A 19931012 - MUROFUSHI KUNITOSHI [JP]
- EP 0342526 A2 19891123 - SIEMENS AG [DE]

Citation (search report)

- [Y] US 5251724 A 19931012 - SZATKOWSKI JAMES G [US], et al
- [Y] EP 0342526 A2 19891123 - SIEMENS AG [DE]

Cited by

CN113442967A; EP3121091A1; DE102015111578A1; FR3119362A1; EP3300988A1; FR3056651A1; CN107869500A; DE102016121363A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2145810 A1 20100120**; **EP 2145810 B1 20111026**; **EP 2145810 B2 20220622**; AT E530408 T1 20111115; PL 2145810 T3 20120229; PL 2145810 T5 20220919

DOCDB simple family (application)

**EP 08013009 A 20080718**; AT 08013009 T 20080718; PL 08013009 T 20080718