

Title (en)

Device in the roof area of two vehicle sections with a jointed connection for limiting the angle of the vehicle sections relative to each other

Title (de)

Im Dachbereich zweier gelenkig miteinander verbundener Fahrzeugteile angeordnete Vorrichtung zur Begrenzung der Nickbewegung der Fahrzeugteile relativ zueinander

Title (fr)

Dispositif agencé dans la zone de toit de deux éléments de véhicule reliés de manière articulée, destiné à la limitation du mouvement de tangage des éléments de véhicule les uns par rapport aux autres

Publication

EP 2500234 A3 20130918 (DE)

Application

EP 11003354 A 20110421

Priority

DE 202011004040 U 20110317

Abstract (en)

[origin: EP2500227A2] The mutually connected device (2 to 6) is arranged on the roof area of a vehicle in a hinged manner. Two supports are designed, where each support is arranged at the roof area of the vehicle. A coupling arm is arranged between the supports. A tension element has a spring element, where a bearing block forms the stop of the spring element.

IPC 8 full level

B61D 3/10 (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP)

B61D 3/10 (2013.01); **B61G 5/02** (2013.01)

Citation (search report)

- [AD] DE 102006013404 B4 20100429 - HUEBNER GMBH [DE]
- [A] NL 7707594 A 19780110 - ALSTHOM ATLANTIQUE
- [A] EP 0134202 A2 19850313 - FIAT FERROVIARIA SAVIGLIANO [IT]
- [A] GB 2093781 A 19820908 - URBAN TRANSPORTATION DEV CORP
- [A] EP 1916180 A2 20080430 - HUEBNER GMBH [DE]
- [A] EP 1245468 A1 20021002 - HUEBNER GMBH [DE]
- [A] DE 1211076 B 19660217 - SCHWEIZ WAGONS AUFZUEGEFAB

Cited by

US9428200B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202011004040 U1 20110519; EP 2500227 A2 20120919; EP 2500227 A3 20130918; EP 2500227 B1 20190220; EP 2500234 A2 20120919; EP 2500234 A3 20130918; EP 2500234 B1 20141001; ES 2523880 T3 20141202; ES 2722825 T3 20190819; PL 2500234 T3 20150331

DOCDB simple family (application)

DE 202011004040 U 20110317; EP 11003354 A 20110421; EP 11003355 A 20110421; ES 11003354 T 20110421; ES 11003355 T 20110421; PL 11003354 T 20110421