

Title (en)

MOTOR VEHICLE FASTENING SYSTEM FOR FASTENING A FIRST MOTOR VEHICLE COMPONENT TO A SECOND MOTOR VEHICLE COMPONENT

Title (de)

KRAFTFAHRZEUG-BEFESTIGUNGSSYSTEM ZUM BEFESTIGEN EINES ERSTEN KRAFTFAHRZEUG-BAUTEILS AN EINEM ZWEITEN KRAFTFAHRZEUG-BAUTEIL

Title (fr)

SYSTÈME DE FIXATION POUR VÉHICULE AUTOMOBILE POUR FIXER UN PREMIER COMPOSANT DE VÉHICULE AUTOMOBILE À UN DEUXIÈME COMPOSANT DE VÉHICULE AUTOMOBILE

Publication

EP 3713820 A1 20200930 (DE)

Application

EP 18826953 A 20181011

Priority

- DE 102017127870 A 20171124
- DE 102018102124 A 20180131
- EP 2018077679 W 20181011

Abstract (en)

[origin: WO2019101423A1] The invention relates to a motor vehicle fastening system (1) for fastening a first motor vehicle component (2) to a second motor vehicle component (3) by means of a fastening device (4). Said fastening device comprises a bolt element (5), a screw-on element (14) and a tolerance compensation element (16). The bolt element (5) is connected to the second motor vehicle component (3) in a rotationally fixed manner by screwing the bolt element (5) into the second motor vehicle component (3) up to a contact surface (12) formed on the bolt element (5). The tolerance element (16) is screwed onto the bolt element (5) and also is supported against the first motor vehicle component (2) in such a way that the tolerance element can be moved relative to the first motor vehicle component (2) along a first axis (17) and a second axis (18). A screw-on element (14) is arranged on a side surface of the first motor vehicle component (2) facing away from the second motor vehicle component (3) and is screwed onto the bolt element (5). Furthermore, a spacing element (23) is arranged between the first motor vehicle component (2) and the second motor vehicle component (3), by means of which spacing element the first motor vehicle component (2) is arranged at a predefined distance from the second motor vehicle component (3) when the screw-on element (14) loads the first motor vehicle component (2) against the second motor vehicle component (3) via the spacing element (23).

IPC 8 full level

B62D 65/16 (2006.01); **F16B 5/02** (2006.01); **F16B 5/06** (2006.01); **F16B 37/06** (2006.01)

CPC (source: EP US)

B62D 27/065 (2013.01 - EP); **B62D 65/16** (2013.01 - EP); **F16B 5/0233** (2013.01 - EP US); **F16B 5/0275** (2013.01 - EP); **F16B 5/0628** (2013.01 - EP); **F16B 5/065** (2013.01 - EP US); **F16B 5/0225** (2013.01 - EP US); **F16B 5/0275** (2013.01 - US); **F16B 37/068** (2013.01 - EP US)

Citation (search report)

See references of WO 2019101423A1

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 102018102124 A1 20190529; CN 111417567 A 20200714; EP 3713820 A1 20200930; US 2021207633 A1 20210708; WO 2019101423 A1 20190531

DOCDB simple family (application)

DE 102018102124 A 20180131; CN 201880074859 A 20181011; EP 18826953 A 20181011; EP 2018077679 W 20181011; US 201816755388 A 20181011