

Title (en)

BAR PIN BUSHING FOR VEHICLE SUSPENSION

Title (de)

STANGENBOLZENBUCHSE FÜR FAHRZEUGAUFHÄNGUNG

Title (fr)

MANCHON POUR BROCHE POUR SUSPENSION DE VÉHICULE

Publication

**EP 3737570 A1 20201118 (EN)**

Application

**EP 19703802 A 20190109**

Priority

- US 201815869834 A 20180112
- US 2019012932 W 20190109

Abstract (en)

[origin: WO2019140004A1] A bar pin bushing assembly (400) including a bar pin (220) having at least one end with at least one bore (221) to receive a fastener, the at least one bore (221) extending through the at least one end, the bar pin (220) having a central portion (26) having a diameter that is greater than a width or diameter of the at least one end of the bar pin (220), a compressible rubber section (242) positioned around the central portion of the bar pin (220), the compressible rubber section (242) further extending around downwardly tapering surfaces adjacent the central portion of the bar pin (220), an outer metal shell (232) mold bonded to the compressible rubber section (242), a first disc insert (260a) positioned over a first end of the outer metal shell (232), a second disc insert (260b) positioned over a second end of the outer metal shell (232), and a tubular outer metal wall (250) positioned over the outer metal shell (232), the first disc insert (260a), and the second disc insert (260b).

IPC 8 full level

**B60G 7/00** (2006.01)

CPC (source: EP)

**B60G 7/005** (2013.01); **B60G 2204/41** (2013.01); **B60G 2204/416** (2013.01); **B60G 2204/4404** (2013.01); **B60G 2206/73** (2013.01); **B60G 2206/81012** (2013.01); **B60G 2206/8103** (2013.01)

Citation (search report)

See references of WO 2019140004A1

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)

**WO 2019140004 A1 20190718**; AU 2019206508 A1 20200730; AU 2019206508 B2 20210408; CA 3088137 A1 20190718; CN 111836733 A 20201027; EP 3737570 A1 20201118; MX 2020007465 A 20201112

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**US 2019012932 W 20190109**; AU 2019206508 A 20190109; CA 3088137 A 20190109; CN 201980018716 A 20190109; EP 19703802 A 20190109; MX 2020007465 A 20190109