

Title (en)

ROLL STABILIZER AND USE OF A ROLL STABILIZER IN A MOTOR VEHICLE

Title (de)

WANKSTABILISATOR SOWIE VERWENDUNG EINES WANKSTABILISATORS IN EINEM KRAFTFAHRZEUG

Title (fr)

STABILISATEUR ANTI-ROULIS ET UTILISATION D'UN STABILISATEUR ANTI-ROULIS DANS UN VÉHICULE À MOTEUR

Publication

**EP 3615360 A1 20200304 (DE)**

Application

**EP 18716150 A 20180327**

Priority

- DE 102017207116 A 20170427
- EP 2018057695 W 20180327

Abstract (en)

[origin: WO2018197137A1] The invention relates to a roll stabilizer for a motor vehicle, having a housing (137 and 237) with a first stabilizer element (110 and 210) coupled thereto and an electric motor (150 and 250) located in the housing (137 and 237), wherein the transmission (160 and 260) is coupled to the electric motor (150 and 250) on the drive side, and the transmission (160 and 260) is coupled to a second stabilizer element (115 and 215) on the output side, such that the stabilizer elements are electromechanically rotatable with respect to one another. According to the invention, the electric motor is designed as a Vernier motor.

IPC 8 full level

**B60G 21/055** (2006.01)

CPC (source: EP US)

**B60G 21/055** (2013.01 - EP); **B60G 21/0555** (2013.01 - EP US); **B60G 21/10** (2013.01 - EP); **H02K 5/24** (2013.01 - US); **H02K 7/116** (2013.01 - US); **B60G 2202/42** (2013.01 - EP US); **B60G 2204/4191** (2013.01 - EP); **B60G 2206/427** (2013.01 - EP); **F16H 1/36** (2013.01 - US); **F16H 49/001** (2013.01 - US); **F16H 57/0006** (2013.01 - US)

Citation (search report)

See references of WO 2018197137A1

Cited by

EP3989415A4

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 102017207116 A1 20181031**; EP 3615360 A1 20200304; US 11247526 B2 20220215; US 2020198434 A1 20200625; WO 2018197137 A1 20181101

DOCDB simple family (application)

**DE 102017207116 A 20170427**; EP 18716150 A 20180327; EP 2018057695 W 20180327; US 201816608250 A 20180327