

Title (en)

METHOD AND DEVICE FOR THE MECHANICAL CONTROL OF A VEHICLE IN A PARKING BRAKE RELEASE PHASE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MECHANISCHEN STEUERUNG EINES FAHRZEUGS IN EINER FESTSTELLBREMSLÖSUNGSPHASE

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE MECANIQUE D'UN VEHICULE EN PHASE DE RELACHEMENT DE FREIN DE PARKING

Publication

EP 3894727 A1 20211020 (FR)

Application

EP 19816589 A 20191202

Priority

- FR 1872954 A 20181214
- EP 2019083327 W 20191202

Abstract (en)

[origin: WO2020120201A1] Method for the mechanical control of a vehicle in a phase of releasing a parking brake immobilizing the vehicle by blocking an element belonging to the kinematic chain of the vehicle, characterized by coupling the kinematic chain, constrained by the parking brake between the latter and the drive wheels of the vehicle, with a mechanical assembly which introduces into this kinematic chain, prior to the effective release of the parking brake, an inertial mass that serves to filter the oscillations of the gearbox (1) transmitted to the wheels of the vehicle.

IPC 8 full level

F16H 63/48 (2006.01)

CPC (source: EP KR)

F16H 63/48 (2013.01 - EP KR); **B60Y 2200/90** (2013.01 - EP KR); **B60Y 2300/207** (2013.01 - EP KR); **B60Y 2300/90** (2013.01 - EP KR); **F16H 2059/663** (2013.01 - EP KR); **F16H 2306/32** (2013.01 - EP KR)

Citation (search report)

See references of WO 2020120201A1

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 2020120201 A1 20200618; BR 112021011199 A2 20210831; CN 113227615 A 20210806; EP 3894727 A1 20211020; FR 3090062 A1 20200619; FR 3090062 B1 20220902; JP 2022512387 A 20220203; KR 20210094651 A 20210729

DOCDB simple family (application)

EP 2019083327 W 20191202; BR 112021011199 A 20191202; CN 201980082458 A 20191202; EP 19816589 A 20191202; FR 1872954 A 20181214; JP 2021533485 A 20191202; KR 20217021876 A 20191202