

Title (en)

MOTOR VEHICLE STEERING WHEEL WITH RETRACTABLE RIM AND TORQUE LIMITER

Title (de)

KRAFTFAHRZEUGLENKRAD MIT EINZIEHBARER FELGE UND DREHMOMENTBEGRENZER

Title (fr)

VOLANT DE VEHICULE AUTOMOBILE A JANTE ESCAMOTABLE AVEC LIMITEUR DE COUPLE

Publication

**EP 4301649 A1 20240110 (FR)**

Application

**EP 22708170 A 20220301**

Priority

- FR 2102108 A 20210304
- EP 2022055169 W 20220301

Abstract (en)

[origin: WO2022184722A1] The invention relates to a vehicle steering wheel (10) comprising: - a central part (16) such as a steering wheel hub; - a movable structure (12) comprising at least a portion of a rim mounted so as to pivot with respect to the central part (16) between: - a driving position in which the vehicle can be steered by a driver; - and at least one retracted position; - an actuator (18) for pivoting the movable structure (12) between the driving position and the retracted position; - a movement transmission mechanism (20) for transmitting movement between the actuator (18) and the movable structure (12), characterised in that the transmission mechanism (20) comprises a torque limiter (100).

IPC 8 full level

**B62D 1/08** (2006.01)

CPC (source: EP KR US)

**B62D 1/06** (2013.01 - KR US); **B62D 1/08** (2013.01 - EP KR); **B60Y 2400/405** (2013.01 - KR); **B60Y 2400/41** (2013.01 - KR); **B60Y 2400/83** (2013.01 - KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022184722 A1 20220909**; CN 116888032 A 20231013; EP 4301649 A1 20240110; FR 3120345 A1 20220909; FR 3120345 B1 20240524; JP 2024509810 A 20240305; KR 20230154046 A 20231107; US 2024140517 A1 20240502

DOCDB simple family (application)

**EP 2022055169 W 20220301**; CN 202280017642 A 20220301; EP 22708170 A 20220301; FR 2102108 A 20210304; JP 2023552995 A 20220301; KR 20237033145 A 20220301; US 202218279753 A 20220301