

Title (en)

AUTOMOTIVE TRANSMISSION CASING AND DIFFERENTIAL WITH HALL EFFECT SPEED SENSOR

Title (de)

KRAFTFAHRZEUGGETRIEBEGEHÄUSE UND DIFFERENZIAL MIT HALLEFFEKTGESCHWINDIGKEITSSENSOR

Title (fr)

BOITIER ET DIFFERENTIEL DE TRANSMISSION AUTOMOBILE AVEC CAPTEUR DE VITESSE A EFFET HALL

Publication

EP 3948025 A1 20220209 (FR)

Application

EP 20711822 A 20200305

Priority

- FR 1903393 A 20190329
- EP 2020055931 W 20200305

Abstract (en)

[origin: WO2020200641A1] The invention relates to a differential casing (10) of a motor vehicle transmission rotating in a housing, comprising a drive ring gear (8) mounted on an annular rim (8b) secured against a planar edge (13) of the casing by a set of screws (11) inserted through the rim and the edge, characterised in that the securing screws (11) trigger signals that can be identified by a sensor (12) when they pass in front of a fixed point of the housing.

IPC 8 full level

F16H 48/40 (2012.01)

CPC (source: EP)

F16H 48/40 (2013.01); **F16H 48/08** (2013.01); **F16H 2048/385** (2013.01)

Citation (search report)

See references of WO 2020200641A1

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)

FR 3094436 A1 20201002; **FR 3094436 B1 20210723**; EP 3948025 A1 20220209; WO 2020200641 A1 20201008

DOCDB simple family (application)

FR 1903393 A 20190329; EP 2020055931 W 20200305; EP 20711822 A 20200305