

Title (en)

FLYWHEEL STARTING CLUTCH ASSEMBLY, TORSIONAL DAMPER ASSEMBLY AND MOTOR VEHICLE

Title (de)

SCHWUNGSTARTKUPPLUNGSANORDNUNG, TORSIONSDÄMPFERANORDNUNG SOWIE KRAFTFAHRZEUG

Title (fr)

ENSEMble EMBRAYAGE DE DÉMARRAGE À INERTIE, ENSEMBLE AMORTISSEUR DE TORSION ET VÉHICULE À MOTEUR

Publication

**EP 3649359 A1 20200513 (DE)**

Application

**EP 18733191 A 20180606**

Priority

- DE 102017211261 A 20170703
- EP 2018064828 W 20180606

Abstract (en)

[origin: WO2019007617A1] The invention relates to a flywheel starting clutch assembly (3) for a motor vehicle, comprising at least a friction clutch (9), wherein the friction clutch (9) can be actuated with an actuating piston (20), characterized in that a friction surface of the friction clutch (9) is formed on the actuating piston (20). The invention also relates to a torsional damper assembly. The invention further relates to a motor vehicle.

IPC 8 full level

**F16D 11/14** (2006.01); **F16D 13/32** (2006.01); **F16D 23/04** (2006.01); **F16D 25/08** (2006.01)

CPC (source: EP)

**F02N 15/022** (2013.01); **F16D 11/14** (2013.01); **F16D 13/32** (2013.01); **F16D 23/04** (2013.01); **F16D 25/083** (2013.01); **F02N 5/04** (2013.01); **F02N 11/00** (2013.01)

Citation (search report)

See references of WO 2019007617A1

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 102017211261 A1 20190103; DE 102017211261 B4 20220915;** EP 3649359 A1 20200513; WO 2019007617 A1 20190110

DOCDB simple family (application)

**DE 102017211261 A 20170703;** EP 18733191 A 20180606; EP 2018064828 W 20180606