

Title (en)

CLUTCH MECHANISM COMPRISING TWO ASSEMBLIES SEPARATED BY A DEVICE FOR ADJUSTING AN AXIAL DISTANCE

Title (de)

KUPPLUNGSMECHANISMUS MIT ZWEI DURCH EINE VORRICHTUNG ZUR ANPASSUNG EINES ACHSENABSTANDS GETRENNTEN ANORDNUNGEN

Title (fr)

MECANISME D'EMBRAYAGE COMPRENANT DEUX ENSEMBLES SEPRES PAR UN DISPOSITIF DE REGLAGE D'UNE DISTANCE AXIALE

Publication

**EP 3635270 A1 20200415 (FR)**

Application

**EP 18728564 A 20180524**

Priority

- FR 1754840 A 20170531
- EP 2018063730 W 20180524

Abstract (en)

[origin: WO2018219791A1] The invention relates to a clutch mechanism (10) that is configured to be driven in rotation about an axis (O) and comprises two assemblies (1, 2), each assembly (1, 2) comprising at least: - an outer disc carrier (106, 206) externally delimiting a cavity (C1, C2), - a clutch (100, 200) comprising a stack of coupling discs (101, 201) and friction discs (102, 202), the stack being housed in the cavity (C1, C2) and configured to be driven in rotation about the axis (O), - a reaction member (103, 203) configured to allow compression of the coupling discs (101, 201) against the friction discs (102, 202) in an engaged position of the clutch (100, 200), the clutch mechanism (10) comprising at least one device (3) for assembling the two assemblies (1, 2), the clutch mechanism (10) comprising at least one device (4) for adjusting an axial distance between the two clutches (100, 200).

IPC 8 full level

**F16D 21/06** (2006.01); **F16D 25/08** (2006.01)

CPC (source: EP US)

**F16D 13/52** (2013.01 - US); **F16D 13/75** (2013.01 - US); **F16D 21/06** (2013.01 - US); **F16D 25/082** (2013.01 - EP); **F16D 25/10** (2013.01 - EP); **F16D 2021/0607** (2013.01 - EP); **F16D 2021/0661** (2013.01 - EP); **F16D 2021/0692** (2013.01 - EP US); **F16D 2250/0084** (2013.01 - US)

Citation (search report)

See references of WO 2018219791A1

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 2018219791 A1 20181206**; CN 110914563 A 20200324; CN 110914563 B 20210928; EP 3635270 A1 20200415; FR 3067076 A1 20181207; FR 3067076 B1 20191206; US 11320002 B2 20220503; US 2020149596 A1 20200514

DOCDB simple family (application)

**EP 2018063730 W 20180524**; CN 201880047165 A 20180524; EP 18728564 A 20180524; FR 1754840 A 20170531; US 201816618286 A 20180524