

Title (en)
FRICTION CLUTCH ASSEMBLY FOR A MOTOR VEHICLE

Title (de)
REIBUNGSKUPPLUNGSANORDNUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)
ARRANGEMENT D'EMBRAYAGE À FRICTION POUR UN VÉHICULE AUTOMOBILE

Publication
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Application
EP 18714429 A 20180313

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Abstract (en)
[origin: WO2018188685A1] The invention relates to a friction clutch assembly for a motor vehicle, for transmitting a torque from an input shaft to an output shaft, which shafts have a common axis of rotation, said friction clutch assembly at least comprising an input shaft, an output shaft and a friction clutch. The friction clutch comprises at least - an outer disk carrier, which is torque-transmittingly connected to the input shaft and to at least one outer disk, - an inner disk carrier, which is torque-transmittingly connected to the output shaft and to at least one inner disk, - a diaphragm spring, and - a support spring. The diaphragm spring has a first force edge on the outside in a radial direction for connecting the disks and can be actuated by an actuating apparatus by means of diaphragm spring finger ends arranged inside in the radial direction. The diaphragm spring is fixed between the force edge and the diaphragm spring finger ends in the radial direction with respect to an axial direction by means of a diaphragm spring mount. The diaphragm spring mount is formed at least by the support spring. The support spring is preloaded by means of a threaded nut.

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Citation (search report)
See references of WO 2018188685A1

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