

Title (en)

FRICION CLUTCH FOR A DRIVETRAIN OF A MOTOR VEHICLE HAVING AT LEAST ONE LEAF SPRING FOR BOOSTING A PRESSING FORCE OF A SPRING DEVICE

Title (de)

REIBKUPPLUNG FÜR EINEN ANTRIEBSSTRANG EINES KRAFTFAHRZEUGS MIT ZUMINDEST EINER BLATTFEDER ZUR VERSTÄRKUNG EINER ANPRESSKRAFT EINER FEDEREINRICHTUNG

Title (fr)

EMBRAYAGE À FRICTION POUR UNE CHAÎNE CINÉMATIQUE D'UN VÉHICULE À MOTEUR, COMPRENANT AU MOINS UN RESSORT À LAMES DESTINÉ À AMPLIFIER UNE FORCE DE PRESSION D'UN DISPOSITIF À RESSORT

Publication

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Application

EP 19704721 A 20190122

Priority

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- DE 2019100064 W 20190122

Abstract (en)

[origin: WO2019161828A1] A friction clutch (1) for a drivetrain of a motor vehicle, having: - an input part (2) with an outer-plate carrier (4) which is rotatable about an axis of rotation (3) by at least one drive motor, wherein at least one outer plate (5) is fastened to the outer-plate carrier (4); - an output part (6) with a carrier (7) and with an inner-plate carrier (8) which is separate from the carrier (7), wherein at least one inner plate (9) is fastened to the inner-plate carrier (8); - at least one spring device (10) by means of which the at least one outer plate (5) and the at least one inner plate (9) can be braced together with a pressing force for the purposes of closing the friction clutch (1); - a spacer plate (11) which is connected in positively locking fashion to the carrier (7) and by means of which the at least one outer plate (5) and the at least one inner plate (9) are spaced apart from the carrier (7) in an axial direction (12); and - at least one leaf spring (13) which is connected to the spacer plate (11) and to the carrier (7) such that the at least one leaf spring (13) boosts the pressing force with a boosting force when a torque is introduced by the drive motor.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2019161828A1

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