

Title (en)
FRICTION CLUTCH

Title (de)
REIBUNGSKUPPLUNG

Title (fr)
EMBRAYAGE À FRICTION

Publication
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Application
EP 13727094 A 20130529

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Abstract (en)
[origin: WO2013186046A1] According to the invention, a friction clutch for coupling a drive shaft of a motor vehicle engine to a gearbox input shaft of a motor vehicle gearbox is provided with: a counter-plate (12) for introducing a torque; a pressing plate (14) displaceable relative to the counter-plate for frictionally engaged pressing of a clutch disc in order to output the torque; a clutch cover connected to the counter-plate for at least partially covering the pressing plate; a lever spring (24), particularly a disc spring, supported pivotably on the clutch cover (20) in order to displace the pressing plate; and a servo spring (32), designed particularly as a lever spring, for reducing an actuating force necessary for displacing the pressing plate in the event of wear, which force is to be applied by an actuating system, wherein the servo spring is supported at a first force edge (36) on the clutch cover and at a second force edge (38) on the lever spring. Because the servo spring can be supported on the clutch cover and the lever spring, it is not necessary to provide a bolt screwed to the pressing plate. The friction clutch can therefore be produced with a lower construction expense.

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F16D 13/58 (2006.01)

CPC (source: EP)
F16D 13/585 (2013.01)

Citation (search report)
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