

Title (en)  
CLUTCH DISK AND FRICTION CLUTCH SYSTEM

Title (de)  
KUPPLUNGSSCHEIBE UND REIBUNGSKUPPLUNGSEINRICHTUNG

Title (fr)  
DISQUE D'EMBRAYAGE ET DISPOSITIF D'EMBRAYAGE À FRICTION

Publication  
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Application  
**EP 15738251 A 20150512**

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Abstract (en)  
[origin: WO2015192836A1] The invention relates to a clutch disk (102) for a friction clutch system, particularly for a powertrain of an internal combustion engine-driven vehicle, said clutch disk (102) comprising: a disk rotation axis; an input part (122), at least one intermediate part (118) and an output part (116), wherein the input part (122) and the at least one intermediate part (118) on one hand, and the at least one intermediate part (118) and the output part (116) on the other hand, can be rotated relative to each other to a limited extent; and a centrifugal force pendulum device (115) which is mounted on the output part (116), the clutch disk (102) having a characteristic line with a lower load range and an upper load range, and an increased spring stiffness being effective in the lower load range. The invention also relates to a friction clutch system, in particular for a powertrain of an internal combustion engine-driven motor vehicle, said friction clutch system comprising a clutch rotation axis, a housing, at least one pressure plate, at least one contact plate which can be axially moved relative to the pressure plate to a limited extent between an engaged actuation position and a disengaged actuation position for the purpose of actuation, and to at least one such clutch disk (102) which can be clamped between the at least one pressure plate and the at least one contact plate for frictional power transmission.

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Citation (search report)  
See references of WO 2015192836A1

Citation (examination)  
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• US 5711407 A 19980127 - MAIER STEFFEN [DE]  
• DE 4122333 A1 19920109 - LUK LAMELLEN & KUPPLUNGSBAU [DE]  
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