

Title (en)
DEVICE WITH DISC BRAKING AND TORQUE TRANSMISSION

Title (de)
BREMSSCHEIBEN- UND DREHMOMENTNOCKENANTRIEB

Title (fr)
DISPOSITIF DE FREIN A DISQUES ET DE TRANSMISSION DE COUPLE

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Application
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Abstract (en)
[origin: WO03081752A1] The invention relates to a device with disc braking and torque transmission. The inventive device, which is disposed between a motor and a load, is used to block the load when the motor is not being supplied and to transmit a mechanical torque when the motor is being supplied. Said device comprises brake discs (11, 5, 12) which are disposed side-by-side and which are alternatively connected to the driving shaft (1) and a casing (2), the discs at the ends (11, 12) of the composite system being connected to the driving shaft (1). Moreover, said device comprises co-operating means which are used to separate the discs and transmit the mechanical torque. The aforementioned means comprise ramps which are disposed on parts (11, 6, 13) and which co-operate with one another. In order to prevent friction between the ramps, balls are inserted therebetween and the use of said ramps and balls provides good responsiveness in relation to the braking device.

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