

Title (en)

DISC BRAKE FOR A UTILITY VEHICLE, AND BRAKE PAD SET

Title (de)

SCHEIBENBREMSE FÜR EIN NUTZFAHRZEUG UND BREMSBELAGSATZ

Title (fr)

FREIN À DISQUE POUR VÉHICULE UTILITAIRE ET JEU DE GARNITURES DE FREIN

Publication

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Application

**EP 17791028 A 20171019**

Priority

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- EP 2017076779 W 20171019

Abstract (en)

[origin: WO2018077728A1] A disc brake (10) for a utility vehicle comprising a brake caliper (1) which extends over a brake disk (2), is designed as a sliding caliper, is fastened to a stationary brake carrier (6), and has a central opening (9) over the brake disk (2). The disk brake comprises two brake pads (3, 3') which are arranged in the brake caliper (1) and can be moved in opposite directions, and which each have a pad backing plate (4) and a friction lining (5) secured thereon. An actioning- or application-side brake pad (3) of the two brake pads can be pressed against the brake disk (2) by means of an application device with the aid of at least one brake plunger. The disk brake also comprises at least one restoring device (8), by means of which the brake pads (3, 3') can be returned after a displacement and release of the brakes caused by a braking action, said restoring device being designed such that the restoring device (8) comprises a spreading device (80), arranged in the opening (9) and comprising an energy storage element (17, 21), which engages on the upper edges of the brake pads (3, 3'). The invention also relates to a corresponding brake pad set.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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- US 4722424 A 19880202 - IKEUCHI TAKAHIRO [JP]
- US 6073732 A 20000613 - ANGERFORS DAN [SE]
- See also references of WO 2018077728A1

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