

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

**EP 3724532 A1 20201021 (DE)**

Application

**EP 18815609 A 20181204**

Priority

- DE 102017129672 A 20171212
- EP 2018083446 W 20181204

Abstract (en)

[origin: WO2019115286A1] The invention relates to a disc brake (1) for a utility vehicle, comprising a brake caliper (4) designed as a sliding caliper and engaging over a brake disc (2), and secured to a stationary brake carrier (3), two brake pads (5, 5') which are arranged in the brake caliper (4), can move inversely and have a respective pad carrier plate (5a, 5'a) and a friction lining (5b, 5'b) secured thereon, of which an action-side or application-side brake pad (5) can be pressed against the brake disc (2) by means of an application device via at least one brake piston, wherein the brake pads (5, 5') are each accommodated in a pad housing (6, 6') of the stationary brake carrier (3), wherein the pad housing (6, 6') is formed by two opposing brake carrier lugs (3a, 3b; 3'a, 3'b) and a longitudinal connector (3c, 3'c) connecting the brake carrier lugs (3a, 3b; 3'a, 3'b), as well as comprising at least one return device (100) with which the brake pads (5, 5') can be returned after a brake-dependent shifting and releasing of the brake. At least one of the brake pads (5, 5') is assigned a pad return device (100), with which the at least one brake pad (5, 5') can be returned after a brake-dependent shifting and releasing of the brake. The invention also relates to corresponding brake pad sets.

IPC 8 full level

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CPC (source: EP US)

**B60T 1/065** (2013.01 - US); **F16D 55/226** (2013.01 - EP); **F16D 55/2262** (2013.01 - US); **F16D 65/0056** (2013.01 - US); **F16D 65/02** (2013.01 - EP); **F16D 65/097** (2013.01 - EP); **F16D 65/0971** (2013.01 - US); **F16D 65/0977** (2013.01 - EP); **F16D 65/0978** (2013.01 - EP); **F16D 65/0979** (2013.01 - EP); **F16D 2055/0008** (2013.01 - US); **F16D 2055/0029** (2013.01 - EP); **F16D 2127/02** (2013.01 - US)

Citation (search report)

See references of WO 2019115286A1

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