

Title (en)
DISC BRAKE, ESPECIALLY FOR A UTILITY VEHICLE

Title (de)
SCHEIBENBREMSE, INSBESONDERE FÜR EIN NUTZFAHRZEUG

Title (fr)
FREIN A DISQUE, NOTAMMENT POUR VEHICULE UTILITAIRE

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Abstract (en)
[origin: WO2006024513A1] The invention relates to a disc brake, especially for a utility vehicle, said disc brake comprising a caliper (2) which is provided with a brake disc (1) and is fixed to a brake carrier (7) by means of two fixing elements (5, 6) in such a way that it can be axially displaced in relation to the brake disc (1). One fixing element (6) is embodied as a fixed bearing and the other (5) as a movable bearing that comprises a guiding sleeve (8) fixed in the caliper (2). A guiding bar (10) which is connected to the brake carrier (7) in a fixed manner can be axially displaced inside said guiding sleeve, and at least one partial region of the guiding sleeve (8) is formed by a sliding ring (11) surrounding the guiding bar (10). A spring (12) is applied to the outer periphery of the sliding ring, said spring being supported on a component of the caliper (2). The inventive disk brake is embodied in such a way that the spring (12) consists of a bow (18) at least partially surrounding the sliding ring (11), and adjacent fishplates (19) which extend in the direction of the longitudinal axis of the sliding ring and are applied to certain regions of the sliding ring (11) and of the component of the caliper (2).

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