

Title (en)
DISK BRAKE AND BRAKE PAD

Title (de)
SCHEIBENBREMSE UND BREMSBELAG

Title (fr)
FREIN À DISQUE ET GARNITURE DE FREIN

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Application
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Abstract (en)
[origin: WO2020207828A1] The invention relates to an electrically or pneumatically actuated disk brake for a utility vehicle, comprising the following features: - a disk brake (4) having a preferred direction of rotation (D), - a brake carrier (2), - a brake caliper which is movably guided on the brake carrier (2), - a brake-application-side brake pad (5) and a reaction-side brake pad (6), which are movably arranged in a brake-application-side pad shaft (203) and in a reaction-side pad shaft (204) of the brake carrier (2), parallel to a brake disk rotation axis (A4), - a brake application device which has an individual pressure piston (304) that has a center axis and has, on the end facing the brake-application-side brake pad, a pressure piece (306) which acts with a pressure surface (307) on a corresponding abutment surface (53) of the brake-application-side brake pad (5) such that an active surface is formed between the pressure surface (307) and the abutment surface (53) when applying the brake, - wherein the brake-application-side brake pad and the reaction-side brake pad are centered in the circumferential direction relative to the brake disk and the center axis of the piston (304), - wherein the active surface on which the pressure surface (304) and the abutment surface (53) adjoin each other when applying the disk brake is offset on the outlet side in the circumferential direction relative to the preferred direction of rotation of the brake disk (4) and the center axis of the piston (304).

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