

Title (en)

DISC BRAKE, ESPECIALLY FOR MOTOR VEHICLES

Title (de)

SCHEIBENBREMSE, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

FREIN A DISQUE, NOTAMMENT POUR VEHICULE A MOTEUR

Publication

EP 0830516 A1 19980325 (DE)

Application

EP 96919636 A 19960610

Priority

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- DE 19520924 A 19950608

Abstract (en)

[origin: WO9641965A1] A disc brake, especially for motor vehicles, preferably private cars, with a ribbed, one or two-part, rotating, outwardly open brake housing which is designed for good heat dissipation, low brake pad wear and easy and rapid maintenance in such a way that outside the brake housing (1; 2, 3) there are one or more radially open brake calipers (7) secured to the stub axle (4) and bearing sheet sections (11) fitted with friction pads and suspended to move axially on the bolts (10) passing through the calipers, which can be inserted and removed through the caliper apertures (71, 91) and, for brake operation, the hydraulically, pneumatically, electromagnetically or mechanically operated actuators (12, 13, 14) are fitted between the sheet segments (11) on the caliper bolts (10) to be axially movable and press the sheet segments (11) with their friction pads against the inner running surface of the brake housing (1, 2, 3) for braking purposes.

IPC 1-7

F16D 55/00

IPC 8 full level

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