

Title (en)
DISK BRAKE AND BRAKE LINING FOR THE SAME

Title (de)
SCHEIBENBREMSE UND BREMSBELAG DAFÜR

Title (fr)
FREIN À DISQUE ET GARNITURE DE FREIN

Publication
EP 2082148 A1 20090729 (DE)

Application
EP 07821106 A 20071010

Priority
• EP 2007060738 W 20071010
• DE 102006048136 A 20061010
• DE 102007048475 A 20071009

Abstract (en)
[origin: WO2008043772A1] The invention relates to a disk brake having at least one brake disk which is mounted so as to be rotatable about a rotational axis, and having a brake caliper. The brake caliper comprises a retainer (16) which is fixed to the vehicle, a caliper housing (9) and at least one brake lining (20). The retainer arms (17) of the retainer and the caliper housing engage axially around the brake disk, the caliper housing and the brake lining are mounted on the retainer so as to be movable in an axial direction, wherein an axially running guide groove with an outer stop (26) which faces radially away from the brake disk and with an inner stop (27) which faces radially towards the brake disk is provided in the retainer arms, and wherein the brake lining engages with a guide projection, and the caliper housing (9) with at least one guide tooth (25), into the guide groove. Preload means are provided between the caliper housing and the brake lining so as to act in a radial direction in such a way that the guide tooth (25) of the caliper housing bears radially against the outer stop (26) and a radial play $S_{\text{SUB}i\text{SUB}}$ is generated with respect to the inner stop (27).

IPC 8 full level
F16D 55/226 (2006.01); **F16D 65/097** (2006.01)

CPC (source: EP KR)
F16D 55/226 (2013.01 - KR); **F16D 55/2262** (2013.01 - EP); **F16D 65/095** (2013.01 - KR); **F16D 65/097** (2013.01 - KR);
F16D 65/0974 (2013.01 - EP); **F16D 65/0975** (2013.01 - EP); **F16D 65/0977** (2013.01 - EP)

Citation (search report)
See references of WO 2008043772A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007048475 A1 20080417; BR PI0719829 A2 20140204; CN 101523075 A 20090902; CN 101523075 B 20120704;
EP 2082148 A1 20090729; KR 20090061645 A 20090616; WO 2008043772 A1 20080417

DOCDB simple family (application)
DE 102007048475 A 20071009; BR PI0719829 A 20071010; CN 200780037695 A 20071010; EP 07821106 A 20071010;
EP 2007060738 W 20071010; KR 20097006687 A 20090331