

Title (en)

HOLD-DOWN SPRING FOR DISK BRAKES

Title (de)

NIEDERHALTEFEDER FÜR SCHEIBENBREMSEN

Title (fr)

RESSORT DE MAINTIEN POUR FREINS A DISQUES

Publication

**EP 0809761 A1 19971203 (DE)**

Application

**EP 96904078 A 19960214**

Priority

- DE 19505318 A 19950217
- EP 9600617 W 19960214

Abstract (en)

[origin: DE19505318A1] The invention concerns a hold-down spring (1) made of spring wire for disc brakes, in which two brake linings (5, 6) are mounted in one shaft (7) of a brake calliper (8) and secured by a securing pin (9). The hold-down spring is basically T-shaped with a middle securing section (2) and two laterally projecting spring stirrups (3, 4). According to the invention, the middle securing section (2) comprises two adjacent wire sections (10, 11) extending at right angles to and half enclosing the securing pin (9) and terminating in two free wire ends (13, 14) which are supported elastically in the radial direction on the brake calliper (8). At the other end, the two lateral spring stirrups (3, 4) are elastically in contact in the radial direction with the outer narrow sides (21, 22) of the brake lining (5, 6). An electrical cable (24) belonging to a lining-wear warning system is led through the intermediate space between the two middle wire sections (10, 11) and secured in place.

IPC 1-7

**F16D 65/097**

IPC 8 full level

**F16D 65/097** (2006.01); **F16D 66/02** (2006.01)

CPC (source: EP)

**F16D 65/0975** (2013.01); **F16D 66/021** (2013.01)

Citation (search report)

See references of WO 9625609A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 19505318 A1 19960822**; EP 0809761 A1 19971203; WO 9625609 A1 19960822

DOCDB simple family (application)

**DE 19505318 A 19950217**; EP 9600617 W 19960214; EP 96904078 A 19960214