

Title (en)

DISC BRAKE COMPRISING AT LEAST ONE ELASTIC RETURN SPRING FOR A BRAKE PAD, ELASTIC RETURN SPRING, REPLACEMENT KIT AND MOUNTING METHOD

Title (de)

SCHEIBENBREMSE MIT MINDESTENS EINER ELASTISCHEN RÜCKSTELLFEDER FÜR BREMSBELAG, ELASTISCHE RÜCKSTELLFEDER, AUSTAUSCHSATZ UND MONTAGEVERFAHREN

Title (fr)

FREIN À DISQUE COMPORTANT AU MOINS UN RESSORT DE RAPPEL ÉLASTIQUE D'UN PATIN DE FREINAGE, RESSORT DE RAPPEL ÉLASTIQUE, KIT DE REMPLACEMENT ET PROCÉDÉ DE MONTAGE

Publication

**EP 3990799 A1 20220504 (FR)**

Application

**EP 20735280 A 20200617**

Priority

- FR 1906953 A 20190626
- EP 2020066787 W 20200617

Abstract (en)

[origin: WO2020260098A1] The invention proposes an elastic return spring for axially returning a brake pad (118) of a disc brake (36) from an active position to an inactive position, said spring being intended to be interposed between the brake pad (118) and a fixed support (140), said spring (1) comprising an elastic deformation portion, a carrier portion arranged to be fastened to the fixed support (140) of the disc brake, and a pad portion. The carrier portion comprises a support part and a connection part comprising at least one connection fold arranged and configured to bear on an anchoring part (145) of the fixed support (140) and to cooperate with said anchoring part (145) to avoid any lifting of said connection part. The field of the invention is that of braking systems for automobiles.

IPC 8 full level

**F16D 55/225** (2006.01); **F16D 65/097** (2006.01); **F16D 65/54** (2006.01)

CPC (source: EP US)

**F16D 55/225** (2013.01 - EP US); **F16D 65/097** (2013.01 - EP); **F16D 65/0978** (2013.01 - EP US); **F16D 65/0979** (2013.01 - EP US); **F16D 65/543** (2013.01 - EP US); **F16D 2125/582** (2013.01 - US)

Citation (search report)

See references of WO 2020260098A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3097923 A1 20210101**; **FR 3097923 B1 20220729**; CN 114026348 A 20220208; EP 3990799 A1 20220504; US 2022252120 A1 20220811; WO 2020260098 A1 20201230

DOCDB simple family (application)

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