

Title (en)

ELASTIC RETURN SLIDING DISK BRAKE.

Title (de)

GLEITENDE SCHEIBENBREMSE MIT ELASTISCHER RÜCKFÜHRUNG.

Title (fr)

FREIN A DISQUE COUILLANT A RAPPEL ELASTIQUE.

Publication

EP 0670015 A1 19950906 (FR)

Application

EP 93924653 A 19931029

Priority

- FR 9301066 W 19931029
- FR 9214207 A 19921126

Abstract (en)

[origin: WO9412804A1] Disk brake comprising a yoke (1), a caliper (2) slidably mounted along a member (3) and a key (5), and a spring (9) which tends to separate said caliper from the yoke. The spring (9), which has a wire-like structure, includes an end (11a) bearing on the caliper arch and facing opposite the sliding direction (D) of the caliper in relation to the yoke once the brake is actuated, the spring thereby efficiently returning the caliper to its rest position.

IPC 1-7

F16D 55/2265

IPC 8 full level

F16D 55/224 (2006.01); **F16D 55/2265** (2006.01); **F16D 65/02** (2006.01)

CPC (source: EP KR US)

F16D 55/2265 (2013.01 - EP KR US); **F16D 65/0087** (2013.01 - KR); **F16D 65/0972** (2013.01 - KR); **F16D 2127/02** (2013.01 - KR)

Citation (search report)

See references of WO 9412804A1

Designated contracting state (EPC)

BE DE DK ES FR GB IT NL PT

DOCDB simple family (publication)

FR 2698424 A1 19940527; FR 2698424 B1 19950203; AU 5424294 A 19940622; AU 669764 B2 19960620; BR 9307353 A 19990601; CN 1089698 A 19940720; CO 4230193 A1 19951019; CZ 133895 A3 19951115; EP 0670015 A1 19950906; JP H08503538 A 19960416; KR 950704627 A 19951120; MX 9307173 A 19950131; PL 309193 A1 19950918; RU 95113451 A 19970110; TR 27548 A 19950607; US 5515951 A 19960514; WO 9412804 A1 19940609

DOCDB simple family (application)

FR 9214207 A 19921126; AU 5424294 A 19931029; BR 9307353 A 19931029; CN 93114752 A 19931125; CO 93419530 A 19931123; CZ 133895 A 19931029; EP 93924653 A 19931029; FR 9301066 W 19931029; JP 51282694 A 19931029; KR 19950701879 A 19950511; MX 9307173 A 19931117; PL 30919393 A 19931029; RU 95113451 A 19950525; TR 108793 A 19931124; US 14019393 A 19931104