

Title (en)

ELECTROMECHANICALLY-OPERATED DISC BRAKE FOR MOTOR VEHICLES

Title (de)

ELEKTROMECHANISCH BETÄTIGBARE SCHEIBENBREMSE FÜR KRAFTFAHRZEUGE

Title (fr)

FREIN A DISQUE A COMMANDE ELECTROMECHANIQUE DESTINE A DES VEHICULES

Publication

EP 1530687 A1 20050518 (DE)

Application

EP 03787757 A 20030808

Priority

- DE 10236972 A 20020813
- DE 10257508 A 20021210
- EP 0308841 W 20030808

Abstract (en)

[origin: WO2004016965A1] The invention relates to an electromechanically-operated disc brake for motor vehicles with a caliper and an operating device arranged on the caliper, with two friction linings each cooperating with a lateral surface of a brake disc, whereby at least one of the brake linings may be brought to engage with the brake disc by means of the operating device and said operating device comprises an electric motor which is controlled by means of an electronic control and regulation unit. According to the invention, a compact disc brake may be achieved whereby the control and regulation unit (2) is directly arranged on the operating device (1). It is thus possible to embody the electrical connector (5) as a plug-in connector which offers economic and safety advantages.

IPC 1-7

F16D 65/21; **F16D 65/847**

IPC 8 full level

F16D 65/14 (2006.01); **F16D 65/18** (2006.01); **F16D 65/21** (2006.01); **F16D 65/28** (2006.01)

CPC (source: EP US)

F16D 65/18 (2013.01 - EP US); **F16D 2065/785** (2013.01 - EP US); **F16D 2121/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2004016965A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 2004016965 A1 20040226; EP 1530687 A1 20050518; US 2006163013 A1 20060727; US 7267209 B2 20070911

DOCDB simple family (application)

EP 0308841 W 20030808; EP 03787757 A 20030808; US 52666205 A 20050304