

Title (en)

BRAKING DEVICE USING AN INTEGRATED MASTER-CYLINDER BRAKE BOOSTER

Title (de)

EINEN INTEGRIERTEN HAUPTZYLINDERBREMSKRAFTVERSTÄRKER VERWENDENDE BREMSVORRICHTUNG

Title (fr)

DISPOSITIF DE FREINAGE UTILISANT UN SERVOMOTEUR A MA TRE-CYLINDRE INTEGRE

Publication

EP 1423303 A1 20040602 (FR)

Application

EP 02794615 A 20020730

Priority

- FR 0202732 W 20020730
- FR 0110620 A 20010808

Abstract (en)

[origin: FR2828465A1] The body (20) of the master cylinder (2) is solid with the pneumatic piston (12) and slides within the frame (10) inside the front chamber (101). The actuating rod (23) is hollow, solid with the frame and communicates with the primary pressure chamber (241). A watertight conduit (25) goes through the actuating rod and primary pressure chamber to link with the secondary chamber (242) through the secondary master cylinder piston (222)

IPC 1-7

B60T 13/565

IPC 8 full level

B60T 11/16 (2006.01); **B60T 13/56** (2006.01); **B60T 13/565** (2006.01)

CPC (source: EP US)

B60T 13/565 (2013.01 - EP US)

Citation (search report)

See references of WO 03013925A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

FR 2828465 A1 20030214; **FR 2828465 B1 20031024**; EP 1423303 A1 20040602; JP 2004537466 A 20041216; US 2004200219 A1 20041014; WO 03013925 A1 20030220

DOCDB simple family (application)

FR 0110620 A 20010808; EP 02794615 A 20020730; FR 0202732 W 20020730; JP 2003518889 A 20020730; US 48715004 A 20040220