

Title (en)

TANDEM MASTER CYLINDER FOR ELECTROHYDRAULIC BRAKING SYSTEM

Title (de)

TANDEMHAUPTZYLINDER FÜR EIN ELEKTROHYDRAULISCHES BREMSSYSTEM

Title (fr)

MAITRE-CYLINDRE TANDEM POUR SYSTEME DE FREINAGE ELECTROHYDRAULIQUE.

Publication

EP 1429946 A1 20040623 (FR)

Application

EP 02774918 A 20020910

Priority

- FR 0203063 W 20020910
- FR 0112163 A 20010920

Abstract (en)

[origin: FR2829736A1] The tandem master cylinder for a vehicle electro-hydraulic brake has a housing (12) with a primary chamber (14) connected to a brake force simulator and a second chamber (16) defined with the first by a piston (20). The piston has a seal ring (28) cooperating with a surface on the housing bore to control flow to the simulator. The piston has a movable stop (34) surface cooperating with a fixed stop (32) on the housing to define a neutral position.

IPC 1-7

B60T 11/232; B60T 8/40

IPC 8 full level

B60T 11/20 (2006.01); **B60T 8/40** (2006.01); **B60T 11/232** (2006.01)

CPC (source: EP US)

B60T 8/38 (2013.01 - EP US); **B60T 8/4072** (2013.01 - EP US); **B60T 11/232** (2013.01 - EP US)

Citation (search report)

See references of WO 03024759A1

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 2829736 A1 20030321; **FR 2829736 B1 20040123**; EP 1429946 A1 20040623; JP 2005502536 A 20050127; US 2004239176 A1 20041202; WO 03024759 A1 20030327

DOCDB simple family (application)

FR 0112163 A 20010920; EP 02774918 A 20020910; FR 0203063 W 20020910; JP 2003528432 A 20020910; US 49057604 A 20040319