

Title (en)
Master cylinder

Title (de)
Geberzylinder

Title (fr)
Maître cylindre

Publication
EP 1801423 A3 20090930 (DE)

Application
EP 06025903 A 20061214

Priority
DE 102005062110 A 20051223

Abstract (en)
[origin: EP1801423A2] A piston (2) is provided with one or more recesses at an end facing a primary pressure chamber (6), and on which a seal (3) sits. A protrusion (11) of a seal stop is provided between two sealing lips (3.1,3.2), and has an opening (11.1). A through-flow opening extends from the side of the sealing stop (12) in the direction of the seal, to the primary pressure chamber. The dynamic sealing lip is lifted from the outside diameter (2.1) of the piston when the piston is in a neutral position, and the pressure in the primary pressure chamber is less than in a secondary chamber (7), forming a pressure-equalizing connection between primary and secondary pressure chambers.

IPC 8 full level
F15B 7/08 (2006.01); **F15B 7/10** (2006.01)

CPC (source: EP)
F15B 7/08 (2013.01); **F15B 7/10** (2013.01)

Citation (search report)

- [X] WO 0150044 A1 20010712 - KONGSBERG AUTOMOTIVE ASA [NO], et al
- [AD] DE 29822705 U1 19990218 - SCHAEFFLER WAEHLZLAGER OHG [DE]

Cited by
CN102256848A; US8925314B2; WO2010076197A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1801423 A2 20070627; EP 1801423 A3 20090930

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