

Title (en)
Piston accumulator

Title (de)
Kolbenspeicher

Title (fr)
Accumulateur à piston

Publication
EP 2397701 A3 20130828 (DE)

Application
EP 11001989 A 20110310

Priority
DE 102010024126 A 20100617

Abstract (en)
[origin: EP2397701A2] The accumulator (1) has a housing (2) with a pressure chamber (3), which is defined by a housing wall (4) and a piston (5). A volume of the pressure chamber is variable. The piston is slidingly displaceable along that housing wall. A lubricating layer (6) is assigned to the piston and/or the housing wall such that the piston is movable along the housing wall. A gasket (9) is arranged at the piston. The piston is made of duroplastic or thermoplastic resin. The lubricating layer is formed integrally with the piston.

IPC 8 full level
F15B 1/24 (2006.01); **C23D 5/00** (2006.01)

CPC (source: EP US)
F15B 1/24 (2013.01 - EP US); **F15B 2201/205** (2013.01 - EP US); **F15B 2201/31** (2013.01 - EP US); **F15B 2201/4053** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2397701 A2 20111221; EP 2397701 A3 20130828; EP 2397701 B1 20151014; CN 102287406 A 20111221; CN 102287406 B 20151028; DE 102010024126 A1 20111222; US 2011308383 A1 20111222

DOCDB simple family (application)
EP 11001989 A 20110310; CN 201110005953 A 20110113; DE 102010024126 A 20100617; US 201113153532 A 20110606