

Title (en)
HIGH-PRESSURE ACCUMULATOR BODY WITH INTEGRATED DISTRIBUTOR BLOCK

Title (de)
HOCHDRUCKSPEICHERKÖRPER MIT INTEGRIERTEM VERTEILERBLOCK

Title (fr)
CORPS D'ACCUMULATION A HAUTE PRESSION A BLOC DE REPARTITION INTEGRE

Publication
EP 1982070 A1 20081022 (DE)

Application
EP 06830244 A 20061130

Priority
• EP 2006069147 W 20061130
• DE 102006003639 A 20060126

Abstract (en)
[origin: US2009223486A1] The invention relates to a fuel injection system for a multi-cylinder internal combustion engine having a first high-pressure accumulator and having a second high-pressure accumulator. The fuel injection system also has a high-pressure pump, wherein the first and the second high-pressure accumulators have a number of ports for injector supply lines corresponding to the number of cylinders of the internal combustion engine. A damping volume for damping pressure pulsations between the high-pressure accumulators and the high-pressure pump is integrated into one of the high-pressure accumulators.

IPC 8 full level
F02M 55/02 (2006.01); **F02M 55/04** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP KR US)
F02M 55/02 (2013.01 - KR); **F02M 55/025** (2013.01 - EP US); **F02M 55/04** (2013.01 - EP KR US); **F02M 63/02** (2013.01 - KR); **F02M 63/0295** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02M 2200/28** (2013.01 - EP US); **F02M 2200/315** (2013.01 - EP US)

Citation (search report)
See references of WO 2007085313A1

Cited by
IT201800002722A1; WO2019158302A1

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

DOCDB simple family (publication)
US 2009223486 A1 20090910; US 7827962 B2 20101109; AT E506532 T1 20110515; CN 101438052 A 20090520; CN 101438052 B 20120606; DE 102006003639 A1 20070802; DE 502006009376 D1 20110601; EP 1982070 A1 20081022; EP 1982070 B1 20110420; JP 2009524761 A 20090702; JP 5135230 B2 20130206; KR 101100957 B1 20111229; KR 20080089667 A 20081007; WO 2007085313 A1 20070802

DOCDB simple family (application)
US 16230506 A 20061130; AT 06830244 T 20061130; CN 200680051756 A 20061130; DE 102006003639 A 20060126; DE 502006009376 T 20061130; EP 06830244 A 20061130; EP 2006069147 W 20061130; JP 2008551672 A 20061130; KR 20087020799 A 20061130