

Title (en)  
VOLUME ACCUMULATOR

Title (de)  
VOLUMENSPEICHER

Title (fr)  
ACCUMULATEUR DE VOLUME

Publication  
**EP 2488730 B1 20131211 (DE)**

Application  
**EP 10773600 A 20101014**

Priority  
• DE 102009049461 A 20091015  
• EP 2010065400 W 20101014

Abstract (en)  
[origin: WO2011045368A1] The invention relates to a volume accumulator (15), comprising a guide housing (33), a separating element (34) and a spring element (35), wherein the separating element (34) is slidably mounted on an inner lateral face of the guide housing (33) and the spring element (35) is seated against the separating element (34) on one side and on the guide housing (33) on the other side. According to the invention, at least one indentation (47) is designed on the guide housing (33), said indentation protruding into the guide housing (33), wherein in the direction of the spring element (35) the indentation (47) has an open end against which the spring element (35) is seated.

IPC 8 full level  
**F01L 1/344** (2006.01)

CPC (source: EP US)  
**F01L 1/344** (2013.01 - EP US); **F01L 1/3442** (2013.01 - EP US); **F15B 1/04** (2013.01 - EP US); **F01L 2001/34433** (2013.01 - EP US); **F01L 2001/34446** (2013.01 - EP US); **F15B 2201/21** (2013.01 - EP US); **F15B 2201/31** (2013.01 - EP US); **F15B 2201/405** (2013.01 - EP US); **F15B 2201/605** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2011045368 A1 20110421**; CN 102575535 A 20120711; CN 102575535 B 20140702; DE 102009049461 A1 20110421; EP 2488730 A1 20120822; EP 2488730 B1 20131211; US 2012199231 A1 20120809

DOCDB simple family (application)  
**EP 2010065400 W 20101014**; CN 201080046221 A 20101014; DE 102009049461 A 20091015; EP 10773600 A 20101014; US 201013501349 A 20101014