

Title (en)

ACCUMULATOR WITH FIRST AND SECOND CHAMBER

Publication

EP 0202502 B1 19890726 (DE)

Application

EP 86105733 A 19860425

Priority

US 73000585 A 19850502

Abstract (en)

[origin: US4606376A] A self-contained integral accumulator assembly includes a two-part housing joined by a central partition. One housing part encloses high pressure nitrogen. The other housing part encloses a volume which is divided by a flexible bladder into an oil chamber and a precharge chamber. The partition includes a recharge passage and a recharge valve for automatically repressurizing the precharge chamber from the high pressure nitrogen when the precharge pressure falls below a predetermined pressure.

IPC 1-7

F15B 1/047; **F16L 55/04**

IPC 8 full level

F15B 1/08 (2006.01); **F16F 9/32** (2006.01); **F16L 55/04** (2006.01)

CPC (source: EP KR US)

F15B 1/08 (2013.01 - EP KR US); **F15B 2201/205** (2013.01 - EP KR US); **F15B 2201/3151** (2013.01 - EP KR US);
F15B 2201/411 (2013.01 - EP KR US); **F15B 2201/415** (2013.01 - EP KR US); **F15B 2201/4155** (2013.01 - EP KR US);
F15B 2201/435 (2013.01 - EP KR US)

Cited by

FR2796105A1; US10371175B2; WO2016005019A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4606376 A 19860819; AR 243268 A1 19930730; AT E45022 T1 19890815; AU 5652886 A 19861106; BR 8601940 A 19870106;
CN 86102876 A 19861029; DE 3664678 D1 19890831; DK 195786 A 19861103; DK 195786 D0 19860429; EP 0202502 A1 19861126;
EP 0202502 B1 19890726; ES 554548 A0 19870216; ES 8703591 A1 19870216; JP S61262203 A 19861120; KR 860009241 A 19861220

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JP 10190386 A 19860501; KR 860003315 A 19860429