

Title (en)
ACCUMULATOR

Title (de)
AKKUMULATOR

Title (fr)
ACCUMULATEUR

Publication
EP 3418583 A4 20190828 (EN)

Application
EP 17752981 A 20170202

Priority
• JP 2016026285 A 20160215
• JP 2017003819 W 20170202

Abstract (en)
[origin: EP3418583A1] Provided is an accumulator having excellent sealing performance at a joint between bladders. An accumulator 10 is configured such that a bladder 30 is disposed on the inside of a shell 20 to divide an internal space of the shell 20 into a gas chamber G and a liquid chamber R. The bladder 30 includes an outer-diameter-side bladder 31 having a peripheral edge portion 31a disposed on an inner peripheral portion 20b of the shell 20, and an inner-diameter-side bladder 32 disposed on the inside of the outer-diameter-side bladder 31 and having a peripheral edge portion 32a formed to protrude toward an inner diameter side. The accumulator 10 includes a holder 40 configured to face the inner peripheral portion 20b of the shell 20 to hold, from the inner diameter side, the peripheral edge portion 31a of the outer-diameter-side bladder 31 and the peripheral edge portion 32a of the inner-diameter-side bladder 32. The peripheral edge portion 31a of the outer-diameter-side bladder 31 includes, on an outer diameter side thereof, an outer annular protrusion 31g, and the peripheral edge portion 32a of the inner-diameter-side bladder 32 includes, on the inner diameter side thereof, an inner annular protrusion 32h configured to contact the holder 40.

IPC 8 full level
F15B 1/12 (2006.01); **F15B 1/14** (2006.01)

CPC (source: EP)
F15B 1/14 (2013.01); **F15B 2201/205** (2013.01); **F15B 2201/3151** (2013.01); **F15B 2201/3155** (2013.01); **F15B 2201/3156** (2013.01); **F15B 2201/3157** (2013.01); **F15B 2201/32** (2013.01); **F15B 2201/61** (2013.01)

Citation (search report)
• [XA] US 5117873 A 19920602 - MIYAKAWA YOSHITAKA [JP], et al
• [X] JP H0484803 U 19920723
• See references of WO 2017141718A1

Cited by
GB2583541A; GB2583541B

Designated contracting state (EPC)
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EP 3418583 A1 20181226; EP 3418583 A4 20190828; EP 3418583 B1 20210804; JP 6860546 B2 20210414; JP WO2017141718 A1 20181206; WO 2017141718 A1 20170824

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