

Title (en)

METHOD FOR PRODUCING A FOAM BODY

Title (de)

VERFAHREN ZUM HERSTELLEN EINES SCHAUMKÖRPERS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN CORPS ALVÉOLAIRE

Publication

EP 3271591 B1 20200805 (DE)

Application

EP 16700798 A 20160115

Priority

- DE 102015003673 A 20150320
- EP 2016000073 W 20160115

Abstract (en)

[origin: WO2016150535A1] A method for producing a foam body, in particular for a pressure accumulator, such as a hydraulic accumulator, the bubble- or diaphragm-shaped, elastically flexible separating layer (12) of which separates two media chambers from each other within the accumulator housing, in particular a gas working chamber from a liquid chamber (18), with at least the following production method steps: – introducing a flowable, preferably liquid, foam material into the pressure accumulator, said foam material being at least partially surrounded by the separating layer (12), – curing the foam material in the pressure accumulator, and in the process – building up a pressure gradient, in which the visibly curing foam material expands the separating layer (12) from an originally partially filled starting state in the direction of an end state, in which the accumulator is finally filled with the cured foam (38).

IPC 8 full level

F15B 1/08 (2006.01)

CPC (source: CN EP US)

F15B 1/086 (2013.01 - CN EP US); **F15B 2201/3152** (2013.01 - CN EP US); **F15B 2201/3154** (2013.01 - CN EP US);
F15B 2201/411 (2013.01 - CN EP US); **F15B 2201/60** (2013.01 - CN 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)

DE 102015003673 A1 20160922; CN 107407295 A 20171128; EP 3271591 A1 20180124; EP 3271591 B1 20200805;
JP 2018511009 A 20180419; JP 6756723 B2 20200916; US 10641295 B2 20200505; US 2018038391 A1 20180208;
WO 2016150535 A1 20160929

DOCDB simple family (application)

DE 102015003673 A 20150320; CN 201680013185 A 20160115; EP 16700798 A 20160115; EP 2016000073 W 20160115;
JP 2017544349 A 20160115; US 201615552840 A 20160115