

Title (en)

3-D FLEXIBLE BAG TO BE FILLED FOR BIOPHARMACEUTICAL FLUIDS AND METHOD FOR CREATING SUCH A BAG

Title (de)

MIT BIOPHARMAZEUTISCHEN FLÜSSIGKEITEN ZU BEFÜLLENDER, FLEXIBLER 3D-BEUTEL UND VERFAHREN ZUR HERSTELLUNG SOLCH EINES BEUTELS

Title (fr)

POCHE SOUPLE 3D À EMPLIR POUR FLUIDES BIOPHARMACEUTIQUES, ET PROCÉDÉ POUR RÉALISER UNE TELLE POCHE

Publication

EP 3481737 A1 20190515 (FR)

Application

EP 17740426 A 20170704

Priority

- FR 1670374 A 20160708
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Abstract (en)

[origin: WO2018007691A1] The 3-D flexible bag (1) to be filled with a biopharmaceutical product is the result of the assembling of two wall elements (2, 3) and of two gussets (11, 12). At least one connection port (4, 6) is also provided, for filling and/or emptying. A substantially parallelepipedal configuration is obtained in a filled state thanks to the unfolding of the gussets combined with the folding of flaps (21, 22, 31, 32) of the two wall elements. A transverse weld (140, 150), formed at one end, connects the two wall elements (2, 3) of the bag and extends continuously, keeping in a folded-flat state: – an elongate edge portion of one gusset (11); – an elongate edge portion of the other gusset (12). This transverse weld has a length corresponding to a determined dimension (L2) of the flexible bag in the parallelepipedal configuration.

IPC 8 full level

B65D 30/20 (2006.01); **B65D 77/06** (2006.01)

CPC (source: EP US)

A61J 1/10 (2013.01 - US); **A61J 1/1475** (2013.01 - US); **B65D 31/10** (2013.01 - EP US); **B65D 77/065** (2013.01 - EP US)

Citation (search report)

See references of WO 2018007691A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

WO 2018007691 A1 20180111; CN 109476404 A 20190315; CN 109476404 B 20201127; EP 3481737 A1 20190515; EP 3481737 B1 20220831; FR 3053586 A1 20180112; US 10926932 B2 20210223; US 11498739 B2 20221115; US 2019256270 A1 20190822; US 2021122553 A1 20210429

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