

Title (en)  
PRESSURE EQUALISER FOR BABY BOTTLE AND BABY BOTTLE ASSEMBLY

Title (de)  
DRUCKAUSGLEICHSVORRICHTUNG FÜR EINE BABYFLASCHE UND BABYFLASCHENANORDNUNG

Title (fr)  
DISPOSITIF DE COMPENSATION DE PRESSION POUR UN BIBERON ET ENSEMBLES FORMANT BIBERON

Publication  
**EP 3493784 A2 20190612 (DE)**

Application  
**EP 17767984 A 20170803**

Priority  
• DE 102016009358 A 20160803  
• DE 2017000238 W 20170803

Abstract (en)  
[origin: WO2018024272A2] The present invention relates to a pressure equaliser (1) comprising: - a hollow element (101) with a cup-shaped section (1011) and a tubular section (1013) that merge seamlessly one into the other, and - a sealing element (103) that comprises a top edge (1031) with a first diameter (DT) and a central part (1033) with a second diameter (D2), wherein the top edge of the cup-shaped section (1011) of the hollow element (101) is inserted into the second inner diameter (D2) of the central part (1033) of the sealing element (103), the pressure equaliser being characterised in that at least the hollow element (101) can be disassembled into at least two hollow element parts (10a, 101b) along its longitudinal axis. The present invention further relates to a baby bottle assembly comprising: - a bottle-shaped container (3), - a pressure equaliser (1) according to the invention, - a screw element (5) and - a nipple (7a) or closure cap (7b).

IPC 8 full level  
**A61J 9/04** (2006.01); **A61J 9/00** (2006.01)

CPC (source: EP US)  
**A61J 9/006** (2013.01 - EP US); **A61J 9/04** (2013.01 - EP US); **A61J 9/085** (2013.01 - US); **A61J 11/04** (2013.01 - US); **A47G 19/2266** (2013.01 - US); **A47G 19/2272** (2013.01 - US); **A47G 21/18** (2013.01 - US)

Citation (search report)  
See references of WO 2018024272A2

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018024272 A2 20180208; WO 2018024272 A3 20180329**; CA 3032578 A1 20180208; CN 109640922 A 20190416; CN 109640922 B 20220726; EP 3493784 A2 20190612; EP 3493784 B1 20201007; HR P20210016 T1 20210219; PL 3493784 T3 20210419; US 11364177 B2 20220621; US 2019175452 A1 20190613

DOCDB simple family (application)  
**DE 2017000238 W 20170803**; CA 3032578 A 20170803; CN 201780054014 A 20170803; EP 17767984 A 20170803; HR P20210016 T 20210105; PL 17767984 T 20170803; US 201716321397 A 20170803