

Title (en)

METHOD AND DEVICE FOR FILLING BAGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFÜLLEN VON BEUTELN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR REMPLIR DES SACHETS

Publication

**EP 4263362 A1 20231025 (DE)**

Application

**EP 21840857 A 20211217**

Priority

- DE 102020134136 A 20201218
- EP 2021086460 W 20211217

Abstract (en)

[origin: WO2022129506A1] The invention relates to a device and a method for filling bags (10) with products (11). The bags (10) have an opening (28), via which the bags are filled with at least one respective product (11), and walls (20, 21) of the bag (10) are mutually spaced in the region of the opening (28) in order to introduce at least one product (11) into the bag (10) via the opening (28). Holding elements (24, 25) are introduced into the bag (10) through the opening (28) after the walls (20, 21) are spaced apart and before the at least one product (11) is supplied in order to hold the opened bag (10) in the region of the opening (28). According to the invention, at least some holding elements (24, 25) have at least one respective shaping element (27) on which a respective wall (20) of the bag (10) rests such that the material of the wall (20) is preferably plastically deformed in order to hold the wall (20) on the holding element (24, 25) via the respective shaping element (27).

IPC 8 full level

**B65B 43/34** (2006.01); **B65B 5/06** (2006.01); **B65B 5/08** (2006.01); **B65B 25/14** (2006.01); **B65B 25/20** (2006.01); **B65B 35/40** (2006.01);  
**B65B 39/02** (2006.01); **B65B 39/06** (2006.01); **B65B 43/26** (2006.01); **B65B 43/30** (2006.01); **B65B 63/02** (2006.01); **B65B 67/12** (2006.01)

CPC (source: EP US)

**B65B 5/067** (2013.01 - EP US); **B65B 25/145** (2013.01 - EP); **B65B 25/20** (2013.01 - US); **B65B 35/40** (2013.01 - EP US);  
**B65B 39/02** (2013.01 - EP); **B65B 39/06** (2013.01 - EP); **B65B 43/26** (2013.01 - EP); **B65B 43/30** (2013.01 - EP US); **B65B 43/34** (2013.01 - EP);  
**B65B 43/465** (2013.01 - US); **B65B 63/02** (2013.01 - EP US); **B65B 67/1233** (2013.01 - EP US); **B65B 67/1255** (2013.01 - EP US);  
**B65B 25/20** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022129506 A1 20220623**; DE 102020134136 A1 20220623; EP 4263362 A1 20231025; US 2024051696 A1 20240215

DOCDB simple family (application)

**EP 2021086460 W 20211217**; DE 102020134136 A 20201218; EP 21840857 A 20211217; US 202118258001 A 20211217