

Title (en)

APPARATUS FOR PACKAGING PRODUCTS IN BAGS WITH PREFORMED BAG FEED

Title (de)

VORRICHTUNG ZUM VERPACKEN VON PRODUKTEN IN BEUTELN MIT VORGEFORMTER BEUTELZUFÜHRUNG

Title (fr)

APPAREIL POUR EMBALLER DES PRODUITS DANS DES SACS COMPORTANT UNE ALIMENTATION DE SACS PRÉFORMÉS

Publication

**EP 3747783 A1 20201209 (EN)**

Application

**EP 19177835 A 20190603**

Priority

EP 19177835 A 20190603

Abstract (en)

An apparatus (100) for packaging products in bags using preformed bags, comprises: a processing station (1) configured to fill the preformed bag with the product and to seal the open end of the bag; a feed station (2), configured to feed the preformed bags to the processing station (1) one by one; a conveying station (3) configured to receive the preformed bags from a store (4) and to make them available to the feed station (2) and including a container (334') configured to contain a group of preformed bags, and a conveyor (30) configured to receive the preformed bags and to transport them from respective loading positions to the pickup position (PP). The conveying station (3) includes an optical device (331), configured to capture a position signal representing the orientation of the preformed bag, and a plurality of pickup devices (33), each including a pickup robot (332), configured to pick up preformed bags one by one to modify their orientation as a function of the respective position signal and to position each preformed bag on the conveyor (30) at the respective loading position with a predetermined orientation.

IPC 8 full level

**B65B 43/18** (2006.01); **B65B 43/50** (2006.01); **B65B 43/60** (2006.01); **B65B 57/04** (2006.01)

CPC (source: EP)

**B65B 43/18** (2013.01); **B65B 43/50** (2013.01); **B65B 43/60** (2013.01); **B65B 57/04** (2013.01)

Citation (applicant)

EP 2712727 A2 20140402 - TOYO JIDOKI KK [JP]

Citation (search report)

- [YA] US 6499280 B1 20021231 - TSUTSUI SHOJI [JP]
- [YA] DE 102011018649 A1 20111027 - CETEC IND CONDITIONNEMENT SAS [FR]
- [A] WO 2004014729 A1 20040219 - KRONES AG [DE], et al

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US11492161B2; WO2023213777A3

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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