

Title (en)  
PACKING MACHINE AND OPERATING METHOD

Title (de)  
PACKMASCHINE UND VERFAHREN ZUM BETREIBEN

Title (fr)  
ENSACHEUSE ET PROCÉDÉ DE FONCTIONNEMENT

Publication  
**EP 4149844 A1 20230322 (DE)**

Application  
**EP 21729807 A 20210511**

Priority  
• DE 102020112991 A 20200513  
• EP 2021062425 W 20210511

Abstract (en)  
[origin: CA3183110A1] The invention relates to a packing machine (1) for filling product into bags, comprising a bag storage means (2), a filling module (100) having a filling nozzle (101), and a bag transportation means (3), wherein a transfer device (4) is provided between the bag storage means (2) and the bag transportation means (3), which is suitable and designed for supplying an empty bag from the bag storage means (2) to the filling nozzle (101) and for supplying the filled bag from the filling nozzle (101) to the bag transportation means (3). In the operating method, an empty bag is supplied from the bag storage means (2) to the filling module (100) using the transfer device (4) and a filled bag is supplied from the filling module (100) to the bag transportation means (3) using the transfer device (4). In the method, for servicing a packing machine of this type, the transfer device (4) is moved in order to release at least the filling module (100).

IPC 8 full level  
**B65B 43/46** (2006.01); **B65B 1/02** (2006.01); **B65B 1/28** (2006.01); **B65B 31/02** (2006.01); **B65B 37/02** (2006.01); **B65B 39/06** (2006.01); **B65B 43/16** (2006.01); **B65B 51/10** (2006.01); **B65B 55/24** (2006.01); **B65B 59/04** (2006.01); **B65B 65/00** (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP US)  
**B65B 1/02** (2013.01 - EP); **B65B 1/06** (2013.01 - US); **B65B 1/28** (2013.01 - EP); **B65B 31/024** (2013.01 - EP); **B65B 39/06** (2013.01 - EP); **B65B 43/16** (2013.01 - EP US); **B65B 43/465** (2013.01 - EP US); **B65B 55/24** (2013.01 - EP US); **B65B 59/04** (2013.01 - EP); **B65B 65/003** (2013.01 - EP US); **B65B 37/02** (2013.01 - EP); **B65B 51/10** (2013.01 - EP)

Citation (search report)  
See references of WO 2021228818A1

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)  
**DE 102020112991 A1 20211118**; BR 112022023181 A2 20221220; CA 3183110 A1 20211118; CN 115551783 A 20221230; EP 4149844 A1 20230322; US 2023234737 A1 20230727; WO 2021228818 A1 20211118

DOCDB simple family (application)  
**DE 102020112991 A 20200513**; BR 112022023181 A 20210511; CA 3183110 A 20210511; CN 202180034770 A 20210511; EP 2021062425 W 20210511; EP 21729807 A 20210511; US 202117998320 A 20210511