

Title (en)  
FOOD PACKAGING DEVICE

Title (de)  
VORRICHTUNG ZUM VERPACKEN VON LEBENSMITTELN

Title (fr)  
DISPOSITIF D'EMBALLAGE DE PRODUITS ALIMENTAIRES

Publication  
**EP 3225560 B1 20181212 (DE)**

Application  
**EP 17157717 A 20170223**

Priority  
DE 102016105778 A 20160330

Abstract (en)  
[origin: JP2017178452A] PROBLEM TO BE SOLVED: To guarantee filling of a head space with a gas containing limited oxygen even at a high processing speed.SOLUTION: The device for filling the inside of an individual container 20 forming a sealed edge with liquid to paste food products is provided with: support elements, the support elements being endlessly guided through the device by a drive device; a storage opening for the individual container; and work stations. In the work areas of the work stations, the support elements reach the areas during the endless circulation through the device to form at least one sealing device. The work stations fix sealed films to the sealed edges of individual cups by using sealing tools, and cover the support elements from above with widths measured in a lateral direction to the feeding direction of the support elements.SELECTED DRAWING: Figure 1

IPC 8 full level  
**B65B 55/10** (2006.01); **B65B 1/04** (2006.01); **B65B 7/16** (2006.01); **B65B 7/28** (2006.01); **B65B 25/00** (2006.01); **B65B 31/02** (2006.01); **B65B 31/04** (2006.01); **B65B 43/42** (2006.01); **B65B 43/52** (2006.01); **B65B 43/54** (2006.01)

CPC (source: EP US)  
**B65B 1/04** (2013.01 - EP US); **B65B 7/164** (2013.01 - EP US); **B65B 7/28** (2013.01 - US); **B65B 25/001** (2013.01 - US); **B65B 31/02** (2013.01 - US); **B65B 31/043** (2013.01 - EP US); **B65B 43/42** (2013.01 - US); **B65B 43/52** (2013.01 - EP US); **B65B 43/54** (2013.01 - EP US); **B65B 55/10** (2013.01 - EP US); **B65B 2210/06** (2013.01 - EP US)

Citation (examination)  
JP H08175519 A 19960709 - KISHIMOTO AKIRA

Cited by  
CN108820307A; CN113880025A; CN115583390A

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

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 17157717 A 20170223**; BR 102017006499 A 20170329; DE 102016105778 A 20160330; JP 2017051137 A 20170316; US 201715449985 A 20170305