

Title (en)

DEVICE AND METHOD FOR FORMING, FILLING AND CLOSING BAGS PROVIDED WITH RESPECTIVELY ONE POURING DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM FORMEN, FÜLLEN UND VERSCHLIESSEN VON JEWELLS EINE AUSGIESSEINRICHTUNG AUFWEISENDEN BEUTELN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMAGE, DE REMPLISSAGE ET DE FERMETURE DE SACHETS POURVUS D'UN DISPOSITIF VERSEUR

Publication

EP 2483165 A1 20120808 (DE)

Application

EP 10740624 A 20100804

Priority

- DE 102009045153 A 20090930
- DE 102010029360 A 20100527
- EP 2010061330 W 20100804

Abstract (en)

[origin: WO2011038960A1] The invention relates to a device (10) for forming, filling and closing bags provided with respectively one pouring device, comprising a device (23) for forming a tube (25) from at least one material web (12), a filling device (28) for filling the tube (25) and/or the bags (5) and a cross-seam sealing and separating device (33) for separating respectively one bag (5) from the tube (5). According to the invention, said device (23) for forming the tube (25) comprises a forming device (24) which forms the tube (25) from one single material web (12) and the filling device (28) fills the tube (25) with the filling material over the entire cross-section of the tube (25) and one outer part (4) of the of the pouring device (1) is joined to the material web (12) after forming the tube (25).

IPC 8 full level

B65B 9/20 (2012.01); **B65B 9/213** (2012.01); **B65B 55/04** (2006.01); **B65B 61/18** (2006.01)

CPC (source: EP US)

B65B 9/213 (2013.01 - EP US); **B65B 55/04** (2013.01 - EP US); **B65B 61/184** (2013.01 - EP US); **B65B 61/186** (2013.01 - EP US);
B31B 50/8123 (2017.07 - EP US)

Citation (search report)

See references of WO 2011038960A1

Citation (examination)

EP 0816233 A1 19980107 - SHIKOKU KAKOKI CO LTD [JP]

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102010029360 A1 20110331; BR 112012006985 A2 20160412; BR 112012007117 A2 20160712; CN 102548848 A 20120704;
CN 102574595 A 20120711; DE 102010029364 A1 20110407; DE 102010030477 A1 20110331; EP 2483165 A1 20120808;
EP 2483166 A1 20120808; EP 2483167 A1 20120808; EP 2483167 B1 20130501; RU 2012117571 A 20131110; US 2012159897 A1 20120628;
US 2012247072 A1 20121004; WO 2011038960 A1 20110407; WO 2011038961 A1 20110407; WO 2011038962 A1 20110407

DOCDB simple family (application)

DE 102010029360 A 20100527; BR 112012006985 A 20100804; BR 112012007117 A 20100804; CN 201080043481 A 20100804;
CN 201080043977 A 20100804; DE 102010029364 A 20100527; DE 102010030477 A 20100624; EP 10739930 A 20100804;
EP 10740624 A 20100804; EP 10740625 A 20100804; EP 2010061330 W 20100804; EP 2010061331 W 20100804;
EP 2010061332 W 20100804; RU 2012117571 A 20100804; US 201013393565 A 20100804; US 201013499847 A 20100804