

Title (en)
APPARATUS AND METHOD FOR FORMING, FILLING AND SEALING PACKAGING CONTAINERS EACH COMPRISING ONE POURING DEVICE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM FORMEN, FÜLLEN UND VERSCHLIESSEN VON JEWEILS EINE AUSGIESSEINRICHTUNG AUFWEISENDEN VERPACKUNGSBEHÄLTERN

Title (fr)
DISPOSITIF ET PROCEDE POUR FORMER, REMPLIR ET OBTURER DES CONTENANTS D'EMBALLAGE PRESENTANT CHACUN UN ELEMENT VERSEUR

Publication
EP 2483161 A2 20120808 (DE)

Application
EP 10745272 A 20100826

Priority
• DE 102009045156 A 20090930
• EP 2010062484 W 20100826

Abstract (en)
[origin: WO2011039007A2] The invention relates to an apparatus (10) for forming, filling and sealing bags (5) each comprising one pouring device (1), having a first application device (15) for forming a hole in a flexible material web (12) and for attaching at least one part (2) of the pouring device (1) to the material web (12), a device (23) for forming a hose (25) from at least one material web (12), a filling device (28) for filling the hose (25) or the bag (5) and a cross-seam seal and separation device (33) for separating one bag (5) each from the hose (5), wherein the device (23) for forming the hose (25) forms the hose (25) from a single material web (12) by means of a reshaping device (24) and wherein a first part (2) of the pouring device (1) is fastened to the side (3) of the material web (12) forming the interior of the bag (5) before forming the hose (25).

IPC 8 full level
B65B 9/20 (2012.01)

CPC (source: EP US)
B65B 9/213 (2013.01 - EP US); **B65B 55/103** (2013.01 - EP US); **B65B 61/186** (2013.01 - EP US); **B65B 65/006** (2013.01 - EP US); **B65B 9/2028** (2013.01 - EP US); **B65B 2210/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2011039007A2

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 102009045156 A1 20110407; BR 112012007073 A2 20160419; CN 102548846 A 20120704; EP 2483161 A2 20120808; EP 2483161 B1 20131016; US 2012210681 A1 20120823; WO 2011039007 A2 20110407; WO 2011039007 A3 20110526

DOCDB simple family (application)
DE 102009045156 A 20090930; BR 112012007073 A 20100826; CN 201080043841 A 20100826; EP 10745272 A 20100826; EP 2010062484 W 20100826; US 201013499428 A 20100826