

Title (en)
MAKING WATER SOLUBLE POUCHES

Title (de)
HERSTELLUNG VON WASSERLÖSLICHEN BEUTELN

Title (fr)
FABRICATION DE POUCHES HYDROSOLUBLES

Publication
EP 2834154 B1 20160406 (EN)

Application
EP 14722365 A 20140422

Priority
• GB 201307160 A 20130419
• GB 201320204 A 20131115
• IB 2014060899 W 20140422

Abstract (en)
[origin: WO2014170882A1] A method and apparatus for producing multi-compartment water-soluble pouches 38 from a base web 27 and a lidding web 35 is disclosed. The apparatus includes a rotatable former 21 having compartment forming cavities 23 into which the base web 27 can be formed. The former 21 is configured so that compartments 26,29,32 of a pouch 38 can be formed and filled sequentially and thereafter all compartments 26,29,32 closed and sealed by affixing the lidding web 35 to the base web 27.

IPC 8 full level
B65B 9/04 (2006.01); **B65D 81/32** (2006.01); **C11D 17/04** (2006.01)

CPC (source: CN EP US)
B65B 1/02 (2013.01 - US); **B65B 1/04** (2013.01 - US); **B65B 7/02** (2013.01 - US); **B65B 7/06** (2013.01 - US); **B65B 9/042** (2013.01 - CN EP US); **B65B 47/02** (2013.01 - US); **B65D 65/46** (2013.01 - EP US); **B65D 81/3261** (2013.01 - CN EP US); **C11D 17/04** (2013.01 - CN); **C11D 17/045** (2013.01 - EP US)

Cited by
US11440692B2; US10702894B2; US10974412B2

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)
WO 2014170882 A1 20141023; CA 2909375 A1 20141023; CN 105307941 A 20160203; CN 106956793 A 20170718; EP 2834154 A1 20150211; EP 2834154 B1 20160406; EP 3025969 A1 20160601; EP 3025969 B1 20170419; ES 2628913 T3 20170804; JP 2016520483 A 20160714; MX 2015014549 A 20160629; PL 3025969 T3 20171031; US 2016068285 A1 20160310; US 2017057716 A1 20170302

DOCDB simple family (application)
IB 2014060899 W 20140422; CA 2909375 A 20140422; CN 201480022102 A 20140422; CN 201610860336 A 20140422; EP 14722365 A 20140422; EP 15199428 A 20140422; ES 15199428 T 20140422; JP 2016508281 A 20140422; MX 2015014549 A 20140422; PL 15199428 T 20140422; US 201414785214 A 20140422; US 201615258638 A 20160907