

Title (en)
METHOD AND DEVICE FOR PRODUCING A PACKAGING BAG FROM FLEXIBLE FILM MATERIAL AND STIFFENED PARTIAL REGION AND PACKAGING BAG

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES VERPACKUNGSBEUTELS AUS FLEXIBLEM FOLIENMATERIAL UND VERSTEIFTEM TEILBEREICH SOWIE VERPACKUNGSBEUTEL

Title (fr)
PROCEDE ET DISPOSITIF POUR FABRIQUER UN SACHET D'EMBALLAGE A PARTIR D'UN MATERIAU DE FILM FLEXIBLE ET D'UNE PARTIE RENFORCEE ET SACHET D'EMBALLAGE

Publication
EP 2501617 A1 20120926 (DE)

Application
EP 10767975 A 20101005

Priority
• DE 102009046717 A 20091116
• EP 2010064846 W 20101005

Abstract (en)
[origin: WO2011057866A1] The invention relates to a method for producing a packaging bag from a flexible film material (2) comprising the following steps: feeding of the flexible film material (2); adding an additional material (7) to the flexible film material (2) and producing at least one stiffened partial region (6) from the additional material (7), wherein the additional material (7) is hardened and forms the stiffened partial region (6). The invention further relates to a device for producing a packaging bag, comprising: a film feeding device (10) for feeding flexible film material (2) and an additional material adding device (11) for adding an additional material (7). The invention further relates to a packaging bag (5) comprising: a first transverse seal seam (14), a second transverse seal seam (15), a flexible partial region (16) and at least one stiffened partial region (6), wherein the flexible partial region (16) is produced from the film material (2) and the stiffened partial region (6) is produced from an additional material (7) which was added and hardened to stiffen the packaging bag.

IPC 8 full level
B65B 9/20 (2012.01); **B65B 9/22** (2006.01); **B65B 61/00** (2006.01); **B65D 33/02** (2006.01); **B65D 75/52** (2006.01)

CPC (source: EP US)
B65B 9/207 (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US); **B65B 9/22** (2013.01 - EP US); **B65B 61/00** (2013.01 - EP US); **B65D 33/02** (2013.01 - EP US); **B65D 75/52** (2013.01 - EP US); **B65B 9/2056** (2013.01 - EP US)

Citation (search report)
See references of WO 2011057866A1

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)
DE 102009046717 A1 20110519; CN 102596726 A 20120718; CN 102596726 B 20150701; EP 2501617 A1 20120926; EP 2501617 B1 20140416; IN 2403DEN2012 A 20150821; US 2012230614 A1 20120913; US 9085392 B2 20150721; WO 2011057866 A1 20110519

DOCDB simple family (application)
DE 102009046717 A 20091116; CN 201080051640 A 20101005; EP 10767975 A 20101005; EP 2010064846 W 20101005; IN 2403DEN2012 A 20120320; US 201013509013 A 20101005