

Title (en)  
Plastic bag making apparatus

Title (de)  
Vorrichtung zur Herstellung von Kunststoffbeuteln

Title (fr)  
Appareil de production de sacs plastiques

Publication  
**EP 2500165 A1 20120919 (EN)**

Application  
**EP 11075051 A 20110316**

Priority  
EP 11075051 A 20110316

Abstract (en)  
A sheet of side gusset material 3 is folded into halves, superposed into two layers and interposed between webs of panel material 1 and 2. One of the webs of panel material 1 is folded along a longitudinal folded line 8 to make the webs of panel material 1 and 2 open and make an open surface formed on the webs of panel material 1 and 2. One of the layers of side gusset material 3 is folded along the longitudinal folded line 8 to make the layers of side gusset material 3 open along with an auxiliary gusset portion 7 and make an open surface formed on the layers of auxiliary gusset portion 7. A web of bottom gusset material 4 is superposed on the open surfaces of panel material 1 and 2 and auxiliary gusset portion 7. The web of bottom gusset material 4 and the auxiliary gusset portion 7 are heat sealed with each other while the webs of panel material 1 and 2 and the sheet of side gusset material 3 are heat sealed with each other widthwise of the webs of panel material 1 and 2 with the open surfaces kept being formed. The web of bottom gusset material 4 and at least one of the webs of panel material 1 are heat sealed with each other longitudinally of the webs of panel material 1 and 2 with the open surfaces kept being formed.

IPC 8 full level  
**B31B 19/26** (2006.01); **B31B 37/00** (2006.01)

CPC (source: EP US)  
**B31B 70/00** (2017.07 - EP); **B31B 70/10** (2017.07 - EP US); **B31B 70/26** (2017.07 - EP); **B31B 2155/00** (2017.07 - EP); **B31B 2155/002** (2017.07 - EP); **B31B 2160/10** (2017.07 - EP); **B31B 2160/20** (2017.07 - EP)

Citation (applicant)  
• US 7331917 B2 20080219 - TOTANI MIKIO [JP]  
• JP 4108846 B2 20080625

Citation (search report)  
• [A] EP 2277790 A1 20110126 - TOTANI CORP [JP]  
• [A] WO 2010055571 A1 20100520 - TOTANI CORP [JP], et al

Cited by  
DE102017121981A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2500165 A1 20120919; EP 2500165 B1 20131127; DK 2500165 T3 20140210**

DOCDB simple family (application)  
**EP 11075051 A 20110316; DK 11075051 T 20110316**