

Title (en)  
Method for manufacturing bags with gussets

Title (de)  
Verfahren zur Herstellung von Folienbeuteln mit Seitenfalten

Title (fr)  
Procédé de fabrication de sachets à goussets

Publication  
**EP 1754596 A1 20070221 (DE)**

Application  
**EP 05018053 A 20050819**

Priority  
EP 05018053 A 20050819

Abstract (en)  
The method involves conducting a sheet (11) through a folding station (13), where side gussets are formed by folding of the sheet. A foil slip (9) has edge sections (14) that are fused with an underlying seal section of the sheet. The sheet is folded toward a foil tube (15), where the tube processes toward a foil pouch. Application and fixation of the foil slip and a sealing operation of side gussets are assigned to different working stations.

IPC 8 full level  
**B31B 23/00** (2006.01); **B31B 19/36** (2006.01)

CPC (source: EP US)  
**B31B 70/00** (2017.08 - EP US); **B65D 31/10** (2013.01 - EP); **B65D 33/2508** (2013.01 - EP); **B31B 70/266** (2017.08 - EP); **B31B 70/36** (2017.08 - EP); **B31B 70/8123** (2017.08 - EP); **B31B 2155/00** (2017.08 - EP); **B31B 2155/0012** (2017.08 - EP); **B31B 2160/10** (2017.08 - EP)

Citation (applicant)  
US 6068585 A 20000530 - OUCHI TOSHIKATU [JP]

Citation (search report)  
• [A] US 2002103067 A1 20020801 - BOIS HENRI GEORGES [FR]  
• [A] US 2001038721 A1 20011108 - BOIS HENRI GEORGES [FR]  
• [A] DE 1238650 B 19670413 - LISSNER HANS  
• [A] US 2004258332 A1 20041223 - TOTANI MIKIO [JP]  
• [A] EP 0834454 A1 19980408 - SEISAN NIPPONSHA KK [JP]

Cited by  
DE102008064308A1; US2014187401A1; EP2077946A4; EP2868466A1; DE102016109870A1; WO2008120062A3; WO2009128993A3; DE102010051065A1; US10369759B2; EP2998236A1; WO2008048640A2; US8137254B2; EP3023356B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1754596 A1 20070221**; **EP 1754596 B1 20071010**; AT E375247 T1 20071015; DE 502005001691 D1 20071122; ES 2292027 T3 20080301; PL 1754596 T3 20080331

DOCDB simple family (application)  
**EP 05018053 A 20050819**; AT 05018053 T 20050819; DE 502005001691 T 20050819; ES 05018053 T 20050819; PL 05018053 T 20050819