

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; EP2998236A1; DE102010051065A1; US10369759B2; WO2008048640A2; US8137254B2; EP3023356B1

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AL BA HR MK YU

DOCDB simple family (publication)  
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