

Title (en)  
PERFORATED FORM-FILL-SEAL (FFS) BAG

Title (de)  
PERFORIERTER FFS-SACK

Title (fr)  
SAC PERFORE REALISE SELON LE PROCEDE SIMULTANE FORMAGE/REMPISSAGE/SCELLAGE

Publication  
**EP 1720777 B1 20120530 (DE)**

Application  
**EP 04797855 A 20041111**

Priority  

- EP 2004012847 W 20041111
- DE 10353095 A 20031112

Abstract (en)  
[origin: WO2005047136A1] The invention relates to a satchel bag or flat bag (200, 201, 212, 214, 217), which is produced and filled by a form-fill-seal (FFS) machine and which has a tear-open perforation (207, 208, 216) at least in the area of at least one of the corners of the bag. The invention is characterized in that the bag has a corner weld seal (206) in the area of at least one corner.

IPC 8 full level  
**B65B 9/20** (2006.01); **B65B 61/02** (2006.01); **B65B 61/18** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP)  
**B65B 61/18** (2013.01); **B65D 33/01** (2013.01); **B65D 75/5805** (2013.01); **B65D 75/5816** (2013.01)

Citation (examination)  

- US 5934048 A 19990810 - BOURESSA DONALD L [US]
- EP 0243750 A2 19871104 - WINDMOELLER & HOELSCHER [DE]
- US 5702339 A 19971230 - SMILEY GREGORY B [US]

Cited by  
CN106144072A

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

DOCDB simple family (publication)  
**WO 2005047136 A1 20050526**; DE 10353095 A1 20050630; EP 1720777 A1 20061115; EP 1720777 B1 20120530; ES 2385889 T3 20120802;  
JP 2007528824 A 20071018; JP 4891085 B2 20120307

DOCDB simple family (application)  
**EP 2004012847 W 20041111**; DE 10353095 A 20031112; EP 04797855 A 20041111; ES 04797855 T 20041111; JP 2006538804 A 20041111