

Title (en)  
INNER BAG FOR BAG-IN-BOX

Title (de)  
INNENBEUTEL FÜR BAG-IN-BOX

Title (fr)  
SACHET INTERIEUR D'UNE CAISSE-OUTRE

Publication  
**EP 1277666 A4 20060104 (EN)**

Application  
**EP 01908208 A 20010301**

Priority  

- JP 0101579 W 20010301
- JP 2000056403 A 20000301
- JP 2000063866 A 20000308

Abstract (en)  
[origin: EP1277666A1] An inner bag for bag-in-box capable of increasing an easiness in handling and convenience when a filled inner bag (1) for bag-in-box is handled without an outer box, where reinforced heat sealed parts (5, 5') formed by cutting out side films (4, 4') and sealing a front film (6) with a rear film are provided continuously or closely to heat sealed parts (2, 3) on an upper side on/or a lower side of the inner bag, or a holding part is provided formed by sealing the front film (6) with the rear film through or without through the side films (4, 4') so that a not sealed part (17) between the side films (4, 4') is formed at or near at least one corner part between the films and the heat sealed parts (2, 3) and so that, when a hand is accessed to the outside of the inner bag (1) through the not sealed part (17). <IMAGE>

IPC 1-7  
**B65D 33/10**; **B65D 77/06**; **B65D 33/02**; **B65D 33/06**

IPC 8 full level  
**B65D 30/08** (2006.01); **B65D 30/20** (2006.01); **B65D 33/02** (2006.01); **B65D 33/06** (2006.01); **B65D 77/06** (2006.01)

CPC (source: EP US)  
**B65D 31/02** (2013.01 - EP US); **B65D 31/10** (2013.01 - EP US); **B65D 33/02** (2013.01 - EP US); **B65D 33/06** (2013.01 - EP US); **B65D 77/062** (2013.01 - EP US); **B65D 77/065** (2013.01 - EP US)

Citation (search report)  

- [X] US 5788121 A 19980804 - SASAKI HITOSHI [JP], et al
- [A] JP H028763 U 19900119
- [A] GB 2126984 A 19840404 - GOOCH
- [PX] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19 5 June 2001 (2001-06-05)

Cited by  
CN105314219A; FR3053586A1; CN109476404A; EP2627582A4; CN106915550A; US11180280B2; US9650169B2; WO2018007691A1; US10926932B2; US11498739B2; WO2012051093A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1277666 A1 20030122**; **EP 1277666 A4 20060104**; **EP 1277666 B1 20070815**; AT E370077 T1 20070915; AU 3603001 A 20010912; DE 60129948 D1 20070927; US 2003024950 A1 20030206; WO 0164536 A1 20010907

DOCDB simple family (application)  
**EP 01908208 A 20010301**; AT 01908208 T 20010301; AU 3603001 A 20010301; DE 60129948 T 20010301; JP 0101579 W 20010301; US 22005702 A 20020828