

Title (en)

Structure of partially transparent bag and equipment for its realization

Title (de)

Struktur von teilweisem transparenten Beutel und Vorrichtung zur Herstellung

Title (fr)

Structure d'un sac transparent et équipement pour la réalisation

Publication

EP 1396437 A3 20050511 (EN)

Application

EP 03016646 A 20030731

Priority

IT PD20020217 A 20020807

Abstract (en)

[origin: EP1396437A2] This invention has as object the structure of the bag partially transparent. <??>This structure includes a flat bottom from which there are developing walls with handles available to the user. <??>The peculiarity of this invention consists in the fact that the walls and the bottom come from the union and from the subsequent folding of two or more sheets that contain at least one sheet of material substantially transparent at sight and at least a sheet of papery material. Besides this aspect, these two or more sheets are united in a solid manner by the corresponding longitudinal borders through means of fixing. <??>The advantage is that the invention contains an equipment for the realisation of a structure of a bag partially transparent that contains two lines of movement for tapes of the above mentioned sheets, disposed coupled functionally speaking in a parallel manner for the longitudinal union of the above mentioned tapes. <??>Each of these two lines is made of a cylinder of support for a coil of tapes of sheets and from intermediate rolls that direct and stretch the tape unrolled by the bobbin. <??>There are present also means of advancement and synchronism of the relative advancement of each tape of each line of movement <??>Between these two lines there are disposed means of fixing for the union of the borders of the above mentioned contiguous tapes. <IMAGE>

IPC 1-7

B65D 33/04; B65D 33/06

IPC 8 full level

A45C 3/00 (2006.01); **B31B 37/00** (2006.01); **B31B 41/00** (2006.01); **B65D 30/08** (2006.01); **B65D 30/20** (2006.01); **B65D 33/00** (2006.01);
B65D 33/12 (2006.01)

CPC (source: EP US)

A45C 3/001 (2013.01 - EP); **B65D 31/02** (2013.01 - EP); **B65D 31/10** (2013.01 - EP); **B65D 33/004** (2013.01 - EP);
B65D 33/12 (2013.01 - EP US); **B31B 2155/00** (2017.07 - EP); **B31B 2155/002** (2017.07 - EP US); **B31B 2160/20** (2017.07 - EP US);
B31B 2170/30 (2017.07 - EP US); **B31B 2241/00** (2013.01 - EP)

Citation (search report)

- [X] CH 647209 A5 19850115 - PAPYRIA AG
- [X] DE 7800604 U1 19780427 - HERKULES VERPACKUNG
- [X] DE 29620116 U1 19970213 - DIEROLF DORIS [DE]
- [X] US 6033114 A 20000307 - GRIMM CHARLES T [US], et al
- [A] BE 1012666 A3 20010206 - ASSIDOMAEN S & M N V NV [BE]
- [A] FR 2760439 A1 19980911 - GAULT ET FREMONT [FR]
- [A] FR 2718717 A1 19951020 - CAPY GILBERT [FR], et al
- [A] FR 2430362 A1 19800201 - VAUZELLE JEAN MARIE [FR]

Cited by

CN103879640A; ES2600166A1; IT201700043617A1; GB2434789A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1396437 A2 20040310; EP 1396437 A3 20050511; IT PD20020217 A1 20040208

DOCDB simple family (application)

EP 03016646 A 20030731; IT PD20020217 A 20020807