

Title (en)  
BAG WITH HANDLES CUT OUT FROM A REINFORCED REGION, PROCESS AND INSTALLATION FOR THE PRODUCTION OF SUCH BAG.

Title (de)  
TRAGETASCHE MIT IN DEN VERSTÄRKUNGSBEREICHEN AUSGESCHNITTENEN GRIFFLÖCHERN SOWIE VERFAHREN UND VORRICHTUNG ZU IHRER HERSTELLUNG.

Title (fr)  
SAC A POIGNEES DECOUPEES DANS UNE ZONE PRESENTANT UN RENFORCEMENT, PROCEDE ET INSTALLATION POUR LA REALISATION DE CE SAC.

Publication  
**EP 0416063 B1 19940615**

Application  
**EP 90904193 A 19900315**

Priority  
• BE 8900344 A 19890328  
• BE 9000012 W 19900315

Abstract (en)  
[origin: WO9011230A1] Bag (1) made of heat sealable plastic, each of its walls (2) being provided, in a region (3) near to its opening (4) with at least one cut-out constituting the handle, and having, in the region (3) a reinforcement consisting of a fold (6) turned down on the wall (2) so that its free edge (8) is located between said cut-out segment and the bottom (14) of the bag, and a reinforcing piece (9) associated with the bag between the fold (6) and the wall (2), the cut-out segment (5) being entirely located in the region of the reinforcing piece (9), whereby the turned-down fold (6) is attached to the corresponding wall (2) along its free edge (8), opposite the cut-out segment (5) and over a distance at least equal to the size of said cut-out segment parallel to the bottom of the bag, process for the manufacture of said bag and installation for the implementation of this process.

IPC 1-7  
**B65D 33/02**; **B65D 33/08**; **B31B 19/74**

IPC 8 full level  
**B31B 19/86** (2006.01); **B65D 33/02** (2006.01); **B65D 33/08** (2006.01)

CPC (source: EP)  
**B65D 33/02** (2013.01); **B65D 33/08** (2013.01); **B31B 70/876** (2017.07)

Cited by  
US8309192B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9011230 A1 19901004**; AT E107252 T1 19940715; BE 1003043 A7 19911105; DE 69009906 D1 19940721; DE 69009906 T2 19950112; DK 0416063 T3 19950327; EP 0416063 A1 19910313; EP 0416063 B1 19940615; ES 2056452 T3 19941001

DOCDB simple family (application)  
**BE 9000012 W 19900315**; AT 90904193 T 19900315; BE 8900344 A 19890328; DE 69009906 T 19900315; DK 90904193 T 19900315; EP 90904193 A 19900315; ES 90904193 T 19900315