

Title (en)  
CLOSABLE POUCH

Publication  
**EP 0345930 B1 19920401 (EN)**

Application  
**EP 89304035 A 19890424**

Priority  
• JP 31089 U 19890106  
• JP 6421788 U 19880516

Abstract (en)  
[origin: EP0345930A1] A reclosable pouch (1) has a zipper (8) for sealingly closing an opening (6) of the pouch (1). The pouch (1) has confronting front (2A) and rear (2B) sheets heat sealed together at four side edge portions (4, 5, 7). The zipper (8) is provided at an inner surface (14) of the front (2A) and rear (2B) sheets and extends parallel to the upper heat sealed edge portion (7). Further a surface roughened zone (9) is formed on the front (2A) and rear (2B) sheets. The surface roughening zone (9) is positioned between the upper heat sealed edge (7) portion and the zipper (8), and extends parallel to them, between a notch (15) on one side (4a) and another notch (15) on the other side (4b) heat sealed edge portion. The surface roughened zone (9) provides mechanical strength lower than the remainder of the sheets (2A & 2B). Therefore, the pouch is easily tearable along the surface roughened zone (9) with using tools and without damaging the zipper (8).

IPC 1-7  
**B65D 33/36**; **B65D 75/58**

IPC 8 full level  
**B65D 75/58** (2006.01); **B65D 75/30** (2006.01)

CPC (source: EP)  
**B65D 75/5805** (2013.01); **B65D 75/30** (2013.01); **B65D 2575/586** (2013.01)

Cited by  
US6487758B2; US2013008134A1; GB2376936B; KR100642119B1; US5059036A; US5971613A; US5205649A; US7476030B1; US5221144A; US6126318A; US5882120A; US5709479A; FR2719826A1; US5174658A; US7073674B2; US6021624A; US6023914A; US5542902A; US5254073A; US5184896A; US6224528B1; US6375037B1; US8153214B2; WO02090201A1; WO9530600A1; WO0164542A2; US6719678B1; US6423356B2; US6274181B1; EP2433788A1; WO2012038111A1

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

DOCDB simple family (publication)  
**EP 0345930 A1 19891213**; **EP 0345930 B1 19920401**; DE 68901110 D1 19920507; ES 2032108 T3 19930101; GR 3004837 T3 19930428

DOCDB simple family (application)  
**EP 89304035 A 19890424**; DE 68901110 T 19890424; ES 89304035 T 19890424; GR 920401182 T 19920604