

Title (en)
Flexible pouch having dispensing nozzle and frangible seal

Title (de)
Flexibler Beutel mit Abgabedüse und zerstörbarer Dichtung

Title (fr)
Poche flexible avec bec de distribution et joint cassable

Publication
EP 1375381 A1 20040102 (EN)

Application
EP 03252341 A 20030411

Priority
US 17398802 A 20020618

Abstract (en)
A collapsible pouch (10) for motor oil includes a bulb-shaped storage chamber (20) and an elongated dispensing nozzle (22). The storage chamber and the dispensing nozzle include first and second panels (12,14) of a flexible laminate material secured together along opposite sides. The pouch further includes a burstable closure seal (28) located in the dispensing nozzle including strips (30,32) of an adhesively bondable material. The strips are capable of forming a bond having sufficient strength to maintain closure of the dispensing nozzle in the absence of a predetermined pressure applied to the motor oil. The pouch may include a bottom panel (24) secured to the first and second panels to provide for self-support of the pouch when filled. The pouch may also include a removable end portion (36) connected to the dispensing nozzle opposite the storage chamber. <IMAGE>

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B65D 75/58

IPC 8 full level
B65D 33/36 (2006.01); **B65D 47/20** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)
B65D 47/2031 (2013.01 - EP US); **B65D 75/5866** (2013.01 - EP US)

Citation (search report)
• [PX] EP 1232960 A2 20020821 - SONOCO DEV INC [US]
• [A] FR 2176605 A1 19731102 - MESROUZE MICHEL [FR]
• [A] US 3815794 A 19740611 - CARLISLE R
• [A] US 5195658 A 19930323 - HOSHINO TAKAHIRO [JP]
• [A] US 5215221 A 19930601 - DIRKSING ROBERT S [US]

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DE FR GB IT

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