

Title (en)
Contractible bellows container

Title (de)
Verkürzbarer Balgbehälter

Title (fr)
Recipient en accordéon contractible

Publication
EP 0850842 A1 19980701 (EN)

Application
EP 96203699 A 19961227

Priority
EP 96203699 A 19961227

Abstract (en)
A contraction-controlled bellows container (1) is disclosed, which can retain half or fully contracted configurations of the bellows ridges (2) whose upper walls (21) and/or lower walls (22) have at least one circumferential indentation (3) adjacent the corresponding outer hinges (23) and/or inner hinges (24). The indentations utilize the pressure applied onto the container effectively and get depressed further into the corresponding bellows ridges prior to the corresponding portions of the other walls, reducing the total pressure requirement. The indentations bring together the walls in which the indentations are provided into the bellows ridges (2). Those walls are gradually turned in shape to lose their shape restoration thanks to their generally protruding configuration. Adjustment of the sizes of the indentations makes it possible to selectively contract the bellows ridges.
<IMAGE>

IPC 1-7
B65D 1/02

IPC 8 full level
B65D 1/02 (2006.01)

CPC (source: EP)
B65D 1/0292 (2013.01)

Citation (search report)

- [XAY] EP 0611700 A1 19940824 - FUJI PHOTO FILM CO LTD [JP]
- [Y] US 3270905 A 19660906 - WERNER KROEKEL ROLF HEINZ
- [A] US 3301293 A 19670131 - SANTELLI THOMAS R
- [A] EP 0287170 A2 19881019 - PROCTER & GAMBLE [US] & JP S6458660 A 19890306 - PROCTER & GAMBLE
- [A] DE 2042593 A1 19720316
- [A] DATABASE WPI Section Ch Week 9608, Derwent World Patents Index; Class A88, AN 96-075972, XP002030777

Cited by
IT202200017052A1; EP1354802A3; CZ298274B6; EP1508522A1; AU777340B2; CN103287647A; US7802691B2; WO2009027942A3; WO2005061336A1; WO2008022605A1; US6598755B1; WO2021059070A1; WO0044630A1; WO2024033779A1

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