

Title (en)
COMPRESSIVE ACCOMMODATION BAG HAVING NON-RETURN VALVE FUNCTION

Title (de)
DRUCKAUFNAHMEBEUTEL MIT RÜCKSCHLAGVENTILFUNKTION

Title (fr)
SAC A COMPRESSION AYANT UNE FONCTION DE CLAPET DE NON RETOUR

Publication
EP 1535851 A4 20090429 (EN)

Application
EP 02807833 A 20020904

Priority
JP 0209003 W 20020904

Abstract (en)
[origin: US2004057636A1] A compactor bag which has a substantially rectangular bag body 11 made of synthetic resin films 12 and 13, the bag body having an openable side 14 provided with a zipper 15 through which an item can be put into and taken out of the bag body 11. Check valve portions 20 are provided in right-triangular areas at both corners of a side opposite the openable side 14. Each of the check valve portions 20 has a flat and closable air release path 22 which is formed by fused portions f, g and 21 of the films 12 and 13, and air inside the bag body 11 is guided into the air release path 22 by the hypotenuse of the right-triangular area and is exhausted from the bag body 11 as indicated by arrow "d". The check valve portions 20 communicate with a packing space of the bag body 11 at the respective hypotenuses of the right-triangular areas. The check valve portions may be made of thin and soft films inserted between the films 12 and 13.

IPC 8 full level
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Citation (search report)

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- [Y] EP 0243750 A2 19871104 - WINDMOELLER & HOELSCHER [DE]
- [Y] US 5540500 A 19960730 - TANAKA MIKIO [JP]
- [Y] US 5701996 A 19971230 - GOTO SHUICHI [JP], et al
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Designated contracting state (EPC)
DE FR GB IT

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US 2004057636 A1 20040325; AU 2002335342 A1 20040408; AU 2002335342 A8 20040408; CN 100396572 C 20080625; CN 1668509 A 20050914; EP 1535851 A1 20050601; EP 1535851 A4 20090429; JP WO2004026717 A1 20060112; WO 2004026717 A1 20040401

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US 31272302 A 20021230; AU 2002335342 A 20020904; CN 02829547 A 20020904; EP 02807833 A 20020904; JP 0209003 W 20020904; JP 2003523885 A 20020904