

Title (en)

TRAVEL BAGS HAVING AN INTEGRATED VACUUM COMPRESSION SYSTEM

Title (de)

REISEBEUTEL MIT INTEGRIERTEM VAKUUMKOMPRESSIONSSYSTEM

Title (fr)

SACS DE VOYAGE COMPORTANT UN SYSTÈME DE COMPRESSION SOUS VIDE INTÉGRÉ

Publication

EP 4175885 A1 20230510 (EN)

Application

EP 21838149 A 20210630

Priority

- US 202063048100 P 20200704
- US 2021039925 W 20210630

Abstract (en)

[origin: WO2022010713A1] Various types of travel bags are provided with at least one portable self-contained vacuum compression system having a portable vacuum pump powered by a portable, preferably removable, rechargeable battery, a compression connection system, and a vacuum compression bag secured within the interior space of the travel bag. The portable self-contained vacuum compression system allows the user to pack more clothing or compressible goods into their travel bag via the use of vacuum compression. The air inside the compression bag can be evacuated by the attached self-contained vacuum pump assembly which is secured within the travel bag in a manner to hold the self-contained vacuum system within the travel bag's internal dimensions in one embodiment. The vacuum compression system can be held in place via a removable or a fixed frame that permits operation of the vacuum compression system within the internal dimensions of the travel bag. The vacuum pump can exhaust vented air either to the atmosphere within the travel bag or via an exhaust vent built into the travel bag.

IPC 8 full level

B65B 31/04 (2006.01); **A45C 3/04** (2006.01); **A45C 13/00** (2006.01)

CPC (source: EP KR)

A45C 13/001 (2013.01 - KR); **A45C 13/02** (2013.01 - EP); **A45C 13/03** (2013.01 - EP KR); **B65B 7/02** (2013.01 - EP KR); **B65B 25/20** (2013.01 - EP KR); **B65B 31/047** (2013.01 - EP KR); **F04B 35/06** (2013.01 - EP); **A45C 13/001** (2013.01 - EP); **A45C 2013/028** (2013.01 - EP KR); **F04B 35/04** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022010713 A1 20220113; EP 4175885 A1 20230510; KR 20230031368 A 20230307

DOCDB simple family (application)

US 2021039925 W 20210630; EP 21838149 A 20210630; KR 20237004127 A 20210630