

Title (en)

SEALED DOCKING ARRANGEMENT IN PARTICULAR FOR BAGS AND A METHOD FOR THE FILLING AND EMPTYING OF CONTAINERS IN AN ENVIRONMENTALLY-SEALED MANNER

Title (de)

ABGEDICHTETE ANDOCKEINRICHTUNG INSBESONDERE FÜR SÄCKE SOWIE EIN VERFAHREN ZUM UMWELTISOLIERTEN BEFÜLLEN UND ENTLEREEN VON BEHÄLTNISSSEN

Title (fr)

DISPOSITIF D'ACCROCHAGE ETANCHE DESTINE NOTAMMENT A DES SACS ET PROCEDE DE REMPLISSAGE ET DE VIDAGE DE CONTENANTS ISOLES DE L'ENVIRONNEMENT

Publication

EP 1441953 B1 20051221 (DE)

Application

EP 02785323 A 20021028

Priority

- DE 20117669 U 20011029
- EP 0212010 W 20021028

Abstract (en)

[origin: US2005084181A1] The sealed docking system comprises first and second coupling elements each having respective first and second coupling elements with respective first and second flexible receptacles. Each coupling element has a slot. The two coupling elements engage with one another. The coupling elements are flexible so that when force is applied the slots open.

IPC 1-7

B65B 1/28; B65G 69/18

IPC 8 full level

B65D 33/16 (2006.01); **B65D 33/30** (2006.01); **G21F 7/047** (2006.01)

CPC (source: EP US)

B65D 33/30 (2013.01 - EP US); **G21F 7/047** (2013.01 - EP US)

Cited by

DE102013000011A1; DE102006013341B3; EP1837643A3; US7525662B2; WO2014106632A1; US10124931B2; DE102022002382A1; WO2024002580A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

US 2005084181 A1 20050421; **US 7398804 B2 20080715**; AT E313484 T1 20060115; CN 1281458 C 20061025; CN 1575241 A 20050202; DE 20117669 U1 20020314; DE 50205387 D1 20060126; DK 1441953 T3 20060410; EP 1441953 A1 20040804; EP 1441953 B1 20051221; ES 2255628 T3 20060701; HR P20040306 A2 20040831; HR P20040306 B1 20111031; JP 2005536403 A 20051202; JP 4095030 B2 20080604; WO 03037717 A1 20030508

DOCDB simple family (application)

US 49418704 A 20041102; AT 02785323 T 20021028; CN 02820973 A 20021028; DE 20117669 U 20011029; DE 50205387 T 20021028; DK 02785323 T 20021028; EP 0212010 W 20021028; EP 02785323 A 20021028; ES 02785323 T 20021028; HR P20040306 A 20040331; JP 2003540017 A 20021028