

Title (en)

Press-open type storage device with prestressed to open closure

Title (de)

Aufbewahrungsbehälter mit Drucköffner mit zum Öffnen vorgespanntem Verschluss

Title (fr)

Dispositif de stockage de type ouverture par pression avec fermeture précontrainte pour l'ouverture

Publication

EP 2110332 A1 20091021 (EN)

Application

EP 09251118 A 20090417

Priority

- US 8151908 A 20080417
- US 8151108 A 20080417
- CA 2668303 A 20090608
- CA 2668304 A 20090608
- CN 200810083960 A 20080429
- CN 200810083963 A 20080429
- JP 2008157640 A 20080617
- JP 2008157687 A 20080617

Abstract (en)

The present invention discloses a press-open type storage device with prestressed to open closure, wherein the relative stable state relationship of the closure (102) and one side of the storage device being connectedly attached by a flexible flake (110) type structure is characterized in that when the closure is closed relative to the storage device, the connecting flake type structure is bended to appear a prestressed status to opening direction thereby keeping the closure to remain at a stable opening status after it is pressed to open.

IPC 8 full level

B65D 1/32 (2006.01); **B65D 51/28** (2006.01); **B65D 55/16** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP)

B65D 1/32 (2013.01); **B65D 47/141** (2013.01); **B65D 51/2864** (2013.01); **B65D 55/16** (2013.01); **B65D 81/3222** (2013.01); **B65D 83/0005** (2013.01); **B65D 83/0094** (2013.01); **B65D 2251/1066** (2013.01)

Citation (applicant)

US 2007079895 A1 20070412 - JENG FU J [TW]

Citation (search report)

- [XY] EP 1721835 A2 20061115 - OREAL [FR]
- [YA] US 2007079895 A1 20070412 - JENG FU J [TW]
- [A] FR 2506726 A1 19821203 - OREAL [FR]

Cited by

CN103958365A; ITBZ20110009A1; EP3543162A4; EP3543165A4; US8602236B2; WO2012123496A1; WO2013067494A1; US10585021B2; US11169058B2; US10456787B2; US11986829B2; WO2018031449A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2110332 A1 20091021; **EP 2110332 B1 20160413**; CA 2668303 A1 20101208; CA 2668303 C 20150811; CA 2668304 A1 20101208; CN 101570256 A 20091104; CN 101570256 B 20130123; CN 101570257 A 20091104; CN 101570257 B 20140917; EP 2508437 A1 20121010; JP 2009298460 A 20091224; JP 2009298462 A 20091224; JP 5255336 B2 20130807; JP 5558682 B2 20140723

DOCDB simple family (application)

EP 09251118 A 20090417; CA 2668303 A 20090608; CA 2668304 A 20090608; CN 200810083960 A 20080429; CN 200810083963 A 20080429; EP 12174991 A 20090417; JP 2008157640 A 20080617; JP 2008157687 A 20080617