

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

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- 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

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CPC (source: EP)

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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

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CN 101570256 A 20091104; CN 101570256 B 20130123; CN 101570257 A 20091104; CN 101570257 B 20140917; EP 2508437 A1 20121010;
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