

Title (en)
Collapsible container

Title (de)
Zusammenlegbarer Behälter

Title (fr)
Conteneur pliable

Publication
EP 1544118 B1 20071114 (EN)

Application
EP 04029385 A 20041210

Priority
• US 73572403 A 20031216
• US 89931404 A 20040727

Abstract (en)
[origin: EP1544118A1] A collapsible container (10) with angularly related multiple folding sections (34), each section (34) extending at an angle to the vertical, and flexure zones (40) between adjacent sections (34) for flexibly moving the sections between a first open position in the expanded container and a second position folded upon itself in the collapsed container, the flexure zones (40) resisting movement of the sections (34) in both the fully expanded container and the collapsed container, as well as any intermediate position wherein only selected flexure zones (40) are in an open position. <IMAGE>

IPC 8 full level
B65D 1/32 (2006.01); **B65D 21/08** (2006.01); **B65D 1/34** (2006.01); **B65D 1/40** (2006.01); **B65D 1/44** (2006.01); **B65D 6/16** (2006.01); **B65D 8/14** (2006.01)

CPC (source: EP KR)
B65D 1/32 (2013.01 - KR); **B65D 1/44** (2013.01 - KR); **B65D 7/24** (2013.01 - KR); **B65D 21/086** (2013.01 - EP)

Cited by
EP2692654A1; WO2013117748A1; DE102012101080B4; GB2530800A; DE102011115688B4; DE102012106891B3; DE102009019461A1; DE102011115688A1; WO2015185719A1; WO2016051208A1; DE102012101080A1; EP2193735B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
HR

DOCDB simple family (publication)
EP 1544118 A1 20050622; EP 1544118 B1 20071114; AR 046899 A1 20051228; AT E378263 T1 20071115; AU 2004235603 A1 20050630; BR PI0405339 A 20050830; CA 2488313 A1 20050616; CA 2488313 C 20120410; CN 1325337 C 20070711; CN 1636833 A 20050713; CZ 20041210 A3 20060315; DE 602004010045 D1 20071227; DE 602004010045 T2 20080904; DK 1544118 T3 20080325; ES 2297329 T3 20080501; HR P20041163 A2 20051231; IL 165341 A0 20060115; IL 165341 A 20100531; IS 7553 A 20050617; JP 2005200104 A 20050728; JP 3929460 B2 20070613; KR 100896825 B1 20090512; KR 20050061326 A 20050622; MX PA04012450 A 20050712; NO 20045122 L 20050418; NO 327919 B1 20091019; NZ 547597 A 20080229; PL 204425 B1 20100129; PL 371759 A1 20050627; RU 2004136801 A 20060527; RU 2311327 C2 20071127; SG 112955 A1 20050728

DOCDB simple family (application)
EP 04029385 A 20041210; AR P040104690 A 20041216; AT 04029385 T 20041210; AU 2004235603 A 20041201; BR PI0405339 A 20041126; CA 2488313 A 20041123; CN 200410102288 A 20041216; CZ 20041210 A 20041213; DE 602004010045 T 20041210; DK 04029385 T 20041210; ES 04029385 T 20041210; HR P20041163 A 20041206; IL 16534104 A 20041116; IS 7553 A 20041125; JP 2004364450 A 20041216; KR 20040105941 A 20041215; MX PA04012450 A 20041210; NO 20045122 A 20041124; NZ 54759704 A 20041201; PL 37175904 A 20041215; RU 2004136801 A 20041215; SG 200407225 A 20041125