

Title (en)
FOLDING CONTAINER

Title (de)
FALTBEHÄLTER

Title (fr)
CONTENEUR PLIABLE

Publication
EP 3590862 A1 20200108 (EN)

Application
EP 19182829 A 20190627

Priority
FI 20185616 A 20180703

Abstract (en)
A folding container having a quadrilateral base (150) and a plurality of cover elements (110, 120, 130, 140) is proposed. Each cover element has a first panel (121, 131, 141) that is pivotably connected from a bottom end to a respective edge of the base (150) so as to be turned between an erected state and a collapsed state. Each cover element also has a second panel (122, 132, 142) which is pivotably connected to the top end of the respective first panel (121, 131, 141). The second panel (122, 132, 142) may be turned between an erected state and a collapsed state. The first panel and the second panel are mutually articulated through at least one hinge which connects the panels, the hinge comprising first and second counterparts (124, 127) articulated through an axle (125). A biasing member (126) is configured to urge the counterparts (124, 127) into a predetermined mutual axial position along the axle for aligning the first and second panels in the horizontal dimension.

IPC 8 full level
B65D 19/12 (2006.01); **B65D 19/10** (2006.01)

CPC (source: EP FI)
B65D 19/10 (2013.01 - EP); **B65D 19/12** (2013.01 - EP FI); **B65D 2519/00024** (2013.01 - EP); **B65D 2519/00059** (2013.01 - EP); **B65D 2519/00164** (2013.01 - EP); **B65D 2519/00169** (2013.01 - EP); **B65D 2519/00174** (2013.01 - EP); **B65D 2519/00184** (2013.01 - EP); **B65D 2519/00233** (2013.01 - EP); **B65D 2519/00273** (2013.01 - EP); **B65D 2519/00298** (2013.01 - EP); **B65D 2519/00323** (2013.01 - EP); **B65D 2519/00338** (2013.01 - EP); **B65D 2519/00502** (2013.01 - EP); **B65D 2519/00512** (2013.01 - EP); **B65D 2519/00611** (2013.01 - EP); **B65D 2519/00656** (2013.01 - EP); **B65D 2519/00781** (2013.01 - EP); **B65D 2519/00905** (2013.01 - EP); **B65D 2519/0096** (2013.01 - EP)

Citation (applicant)
US 1164502 A 19151214 - GRIFFITH WILLIAM P [US]

Citation (search report)
• [A] JP S49146038 U 19741217
• [A] US 2008179322 A1 20080731 - PARNALL JOHN [US], et al

Cited by
KR20220155938A

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

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EP 3590862 A1 20200108; **EP 3590862 B1 20201230**; FI 128389 B 20200415; FI 20185616 A1 20200104

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