

Title (en)  
PRISM FORMING CARDBOARD SUPPORT ELEMENT WITH FOLDING REGIONS

Title (de)  
PRISMENBILDENDES KARTONTRÄGERELEMENT MIT FALTBEREICHEN

Title (fr)  
PRISME FORMANT SUPPORT EN CARTON AVEC DES ZONES DE PLIAGE

Publication  
**EP 4269266 A1 20231101 (EN)**

Application  
**EP 23167476 A 20230412**

Priority  
EP 22167961 A 20220412

Abstract (en)  
Examples include a cardboard support element (100) for a cardboard container, the support element comprising a cardboard structure (101) extending away from a base plane(102), a first flap (103) connected to the cardboard structure and extended in a direction normal to the base plane, a first primary panel (106) and a second primary panel (107) connected by a linear ridge (108), a first secondary panel (109) connecting the first flap (103) and the first primary panel (106), whereby a first primary folding region (110) parallel to the linear ridge (108) separates the first secondary panel from the first primary panel, and a first flap folding region (112) parallel to the linear ridge (108) separates the first secondary panel (109) from the first flap (103). The first flap folding region (112) has a folding factor larger than a first primary folding region folding factor, a ratio of the first flap folding region folding factor to the first primary folding region folding factor being of more than 1:1.

IPC 8 full level  
**B65D 5/44** (2006.01); **B65D 5/68** (2006.01)

CPC (source: EP US)  
**B65D 5/445** (2013.01 - EP); **B65D 5/685** (2013.01 - EP); **B65D 51/02** (2013.01 - US); **B65D 55/02** (2013.01 - US); **B65D 85/07** (2017.12 - US); **B65D 2543/00231** (2013.01 - US); **B65D 2543/00268** (2013.01 - US); **B65D 2543/00398** (2013.01 - US)

Citation (search report)  
• [X] US 2022009671 A1 20220113 - HOEFTE PAULUS ANTONIUS AUGUSTINUS [BE], et al  
• [A] US 2022081155 A1 20220317 - HOEFTE PAULUS ANTONIUS AUGUSTINUS [BE], et al  
• [A] US 2021347524 A1 20211111 - HOEFTE PAULUS ANTONIUS AUGUSTINUS [BE], et al  
• [A] US 2008265010 A1 20081030 - MONTAGUE KISCH RAYMOND GEORGE [US]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

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**EP 4269266 A1 20231101**; US 2023322455 A1 20231012

DOCDB simple family (application)  
**EP 23167476 A 20230412**; US 202318133598 A 20230412