

Title (en)
FOLDING BOX MADE OF CARDBOARD

Title (de)
FALTSCHACHTEL AUS KARTON

Title (fr)
BOÎTE PLIABLE EN CARTON

Publication
EP 3583040 B1 20210915 (DE)

Application
EP 18705628 A 20180215

Priority
• DE 102017001534 A 20170215
• EP 2018053782 W 20180215

Abstract (en)
[origin: WO2018149918A1] The invention relates to a folding box made of cardboard, consisting of a blank (1) which forms four lateral surfaces, a cover, and a base of a cuboid and which comprises four main folding lines (H) which divide the blank into four main surfaces (3) and a securing surface (5). Each of the main surfaces (3) has a main surface segment (7), which forms a respective lateral surface of the cuboid after the securing surface (5) is secured to the opposite main surface, and multiple auxiliary folding lines (N), which run transversely to the main folding lines (H) and each of which connects one of the main surface segments (7) to an auxiliary surface segment (9). In the process, each of one or more of the auxiliary surface segments (9) forms the cover and the base of the cuboid. The aim of the invention is to provide an improved folding box which is suitable for receiving, positioning, and presenting goods, in particular toothbrushes in blister packs. This is achieved by a blank (1) in which at least one of the auxiliary surface segments (9e, 9g) has a plurality of gaps (S) between enclosed parallel webs (11) and a folding line (F) which runs over the auxiliary surface segment (9e, 9g) orthogonally to the webs (11) and in which the auxiliary surface segment (9e, 9g) can be folded such that multiple receiving compartments (A) that protrude from the base side are formed by the webs (S) within the folding box.

IPC 8 full level
B65D 5/50 (2006.01)

CPC (source: EP US)
B65D 5/20 (2013.01 - US); **B65D 5/5004** (2013.01 - EP 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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102017001534 A1 20180816; EP 3583040 A1 20191225; EP 3583040 B1 20210915; US 10974862 B2 20210413;
US 2019359371 A1 20191128; WO 2018149918 A1 20180823

DOCDB simple family (application)
DE 102017001534 A 20170215; EP 18705628 A 20180215; EP 2018053782 W 20180215; US 201816485196 A 20180215