

Title (en)  
FOLDING BLANK AND TRANSPORT BOX FOLDED FROM SAME

Title (de)  
FALTZUSCHNITT UND DARAUS GEFALTETER TRANSPORTKARTON

Title (fr)  
DÉCOUPE PLIABLE ET CARTON DE TRANSPORT PLIÉ CORRESPONDANT

Publication  
**EP 3489161 B1 20200603 (DE)**

Application  
**EP 18208018 A 20181123**

Priority  
DE 202017006084 U 20171124

Abstract (en)  
[origin: CN111216995A] In a square cover plate, a one-piece folding blank has a square cutaway that is rotated by 45 DEG relative to the square shape of the cover plate. This square cutaway is arranged concentrically to a convex, octagonal groove-line and scoring-line structure. In this case, groove lines and scoring lines alternate respectively in such a way that the scoring lines wind up parallel to the outside edges of the cover plate, and the groove lines wind up parallel to the outside edges of the square cutaway. From the center of the scoring lines, in each case perpendicular to the scoring line, a flap separation cut up to the respective corner of the inside square cutaway is inserted into the cover plate. As an alternative, a flap main separation cut is inserted in the direction of the center of the respectively opposite scoring line and perpendicular to this scoring line in the cover plate from the respective corner of the inside square cutaway. This flap main separation cut branches at a bifurcation point into two flap free-position separation cuts at a point along the stretch between the respective corner of the inside square cutaway and the center of the respectively opposite scoring line, which cuts run symmetrically to one another to the axis of the flap main separation cut from the bifurcation point up to the respective scoring line.

IPC 8 full level  
**B65D 5/50** (2006.01); **B65D 85/36** (2006.01); **B65D 85/60** (2006.01)

CPC (source: CN EA EP US)  
**B65D 5/00** (2013.01 - EA); **B65D 5/18** (2013.01 - CN); **B65D 5/30** (2013.01 - US); **B65D 5/4266** (2013.01 - US); **B65D 5/50** (2013.01 - EA); **B65D 5/5026** (2013.01 - EP); **B65D 5/5033** (2013.01 - US); **B65D 5/54** (2013.01 - US); **B65D 85/36** (2013.01 - EA EP); **B65D 85/60** (2013.01 - EA EP)

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DOCDB simple family (publication)  
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