

Title (en)  
Stackable folding box

Title (de)  
Stapelbare Faltschachtel

Title (fr)  
Carton empilable

Publication  
**EP 1415924 B1 20071010 (DE)**

Application  
**EP 03013765 A 20030618**

Priority  
DE 20216854 U 20021102

Abstract (en)  
[origin: EP1415924A2] The stackable folding box of cardboard or similar flat material is in cubic form and has corner reinforcing profiles (7,18) on the inside along at least two diagonally opposite corners. The reinforcing profiles extend over the whole height between a bottom wall (8-11) and top wall (12-15). At least one profile (7) is connected to an adhesive flap (6) which is connected to one sidewall (5) and glued to an adjacent sidewall (2). An Independent claim is included for a device for the manufacture of a folding box which has a unit for the preparing of flat-lying blanks and a unit for the feeding of profiled material to the flat-lying blanks in the connecting regions of two sidewalls.

IPC 8 full level  
**B65D 5/44** (2006.01); **B31B 1/90** (2006.01); **B31B 3/00** (2006.01); **B31B 7/00** (2006.01); **B65D 5/02** (2006.01); **B65D 5/50** (2006.01); **B65D 21/02** (2006.01); **B31B 105/00** (2017.01); **B31B 120/40** (2017.01)

CPC (source: EP US)  
**B65D 5/0227** (2013.01 - EP); **B65D 5/445** (2013.01 - EP); **B65D 5/5033** (2013.01 - EP US); **B65D 21/0205** (2013.01 - EP); **B31B 50/8121** (2017.07 - EP); **B31B 2105/00** (2017.07 - EP); **B31B 2105/0024** (2017.07 - EP US); **B31B 2120/40** (2017.07 - EP US)

Cited by  
US10583955B2

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

DOCDB simple family (publication)  
**EP 1415924 A2 20040506**; **EP 1415924 A3 20040609**; **EP 1415924 B1 20071010**; AT E375304 T1 20071015; DE 20216854 U1 20030130; DE 50308340 D1 20071122

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**EP 03013765 A 20030618**; AT 03013765 T 20030618; DE 20216854 U 20021102; DE 50308340 T 20030618