

Title (en)  
Folding box having curved cross-section

Title (de)  
Faltschachtel mit bogenförmigem Querschnitt

Title (fr)  
Boîte pliante de section courbe

Publication  
**EP 0879766 B1 20030813 (DE)**

Application  
**EP 97108117 A 19970520**

Priority  
EP 97108117 A 19970520

Abstract (en)  
[origin: EP0879766A1] The folding carton has a number of contour folding lines (26) parallel to the edge fold lines (24) and between them and one and/or both side wall sections (18). They have an outwards convex curvature. The base (30) has a base tab (30.1) shaped at the inner leading wall section (16), and a second tab (30.2) shaped at the rear wall section (14). The first tab (30.1) has a folding line (34) to give inner (32.1) and outer (32.3) tab sections for the inner section to be folded inwards and the outer section to be folded outwards by 360 degrees and the outer tab section (32.2) is bonded to the second base tab (30.2). Or, vice versa, the second tab (30.2) has a fold for bonding with the first tab (30.1).

IPC 1-7  
**B65D 5/02**

IPC 8 full level  
**B65D 5/02** (2006.01)

CPC (source: EP US)  
**B65D 5/0209** (2013.01 - EP US)

Cited by  
DE202010013740U1; US7578426B2

Designated contracting state (EPC)  
DE FR GB MC

DOCDB simple family (publication)  
**EP 0879766 A1 19981125; EP 0879766 B1 20030813**; DE 59710577 D1 20030918; US 6003759 A 19991221

DOCDB simple family (application)  
**EP 97108117 A 19970520**; DE 59710577 T 19970520; US 2292498 A 19980212