

Title (en)
FOLDABLE-BOX CONTAINER

Title (de)
FALTSCHACHTELBEHÄLTER

Title (fr)
ARTICLES DE STRUCTURE EN FEUILLES PLASTIQUES MOULEES UNITAIRES

Publication
EP 1383635 A2 20040128 (EN)

Application
EP 02720269 A 20020423

Priority
• GB 0201938 W 20020423
• GB 0109956 A 20010423

Abstract (en)
[origin: WO02085594A2] A foldable-box container is formed by injection moulding to have its side-walls (1,2) joined to one another and to its base (3) by integrally-formed membrane hinges (21-23). Membranes (24) divide the sides (2) to enable hinging of halves (2a,2b) of the side (2) onto one another back to back between the sides (1). The base (3) folds outwardly on diagonal membranes (26, 29) and inwardly on membranes (28) bringing parts (3a) back to back between parts (3b); the folding of the base (3) may be inverted to fold it inside the sides (1). A hinged lid (31) with hinged-down rim (34) may be formed integrally with the box.

IPC 1-7
B29C 31/00

IPC 8 full level
B65D 1/22 (2006.01)

CPC (source: EP US)
B65D 1/225 (2013.01 - EP US)

Citation (search report)
See references of WO 02085594A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02085594 A2 20021031; WO 02085594 A3 20030227; AU 2002251335 A1 20021105; EP 1383635 A2 20040128; GB 0109956 D0 20010613; GB 0209271 D0 20020605; GB 2375100 A 20021106; GB 2375100 B 20030611; US 2004164132 A1 20040826

DOCDB simple family (application)
GB 0201938 W 20020423; AU 2002251335 A 20020423; EP 02720269 A 20020423; GB 0109956 A 20010423; GB 0209271 A 20020423; US 47540503 A 20031224