

Title (en)
Erectable box with reinforced supporting element

Title (de)
Faltschachtel mit verstärktem Staublaschenbereich

Title (fr)
Boîte pliante avec élément d'appui renforcé

Publication
EP 1801020 A1 20070627 (DE)

Application
EP 06101243 A 20060203

Priority
DE 102005061272 A 20051220

Abstract (en)
The shape is cut from a sheet of carton and bent along predetermined lines. It comprises four vertical panels (1,2,3,4) with a narrow flap (5) for joining as well as a bottom (11,31) and a top panel (11,31), also with joining flaps (12,32). The bottom and the top (11,31) are supported by four double folded flaps (24,44). Rectangular segments (26,46) can be pressed out and joined by gluing after the box is folded. An independent claim is given for the use of the box for packing a cylindrical container.

IPC 8 full level
B65D 5/50 (2006.01)

CPC (source: EP)
B65D 5/5014 (2013.01)

Citation (search report)

- [X] EP 1479614 A1 20041124 - GI BI EFFE SRL [IT]
- [A] FR 2813584 A1 20020308 - FINEGA [FR]
- [A] JP H1095057 A 19980414 - CANON KK
- [A] EP 0665167 A1 19950802 - RAFFYPACK SOCIETE ANONYME [FR]

Cited by
EP3112282A1; US9580202B2; US9969522B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1801020 A1 20070627; EP 1801020 B1 20140409; BR PI0620092 A2 20111101; CN 101331066 A 20081224;
DE 102005061272 A1 20070621; ES 2476994 T3 20140715; WO 2007071539 A1 20070628

DOCDB simple family (application)
EP 06101243 A 20060203; BR PI0620092 A 20061201; CN 200680047290 A 20061201; DE 102005061272 A 20051220;
EP 2006069192 W 20061201; ES 06101243 T 20060203