

Title (en)
SINGLE-PIECE FOLDABLE REINFORCED BOX

Title (de)
EINTEILIGE VERSTÄRKTE KLAPPBOX

Title (fr)
BOÎTE RENFORCÉE PLIABLE EN UNE PIÈCE

Publication
EP 2566766 B1 20140604 (EN)

Application
EP 11723669 A 20110426

Priority
• IT VR20100091 A 20100503
• IB 2011051809 W 20110426

Abstract (en)
[origin: WO2011138709A1] A reinforced, folding box (10) comprising a folding structure folding along preformed folding lines (11), wherein the box is entirely made from corrugated cardboard and/or composite materials and is designed to provide a support for loads at right angles to the base, wherein the entire box is made as a single-piece starting from a single blank and has side flaps (15, 16) which are divided by folding lines (18) from corner sections (19), and where the side flaps (15, 16) have tabs (24) which during assembly are slotted into corresponding receptacles (23) which have elastic cuts (23') present on the corner section of the base, and where the receptacles have further tabs (22) present on the central outside flaps (14), and where the receptacles are double-sized in order to enable insertion of the pairs of tabs (22, 24).

IPC 8 full level
B65D 5/24 (2006.01); **B65D 5/44** (2006.01)

CPC (source: EP)
B65D 5/248 (2013.01); **B65D 5/443** (2013.01)

Cited by
AT518188A4; AT518188B1; RU2704351C1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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