

Title (en)
Stackable box with magnetic coupling

Title (de)
Stapelbare Box mit Magnetkupplung

Title (fr)
Boîte empilable avec couplage magnétique

Publication
EP 2112082 A1 20091028 (EN)

Application
EP 08425276 A 20080422

Priority
EP 08425276 A 20080422

Abstract (en)
A stackable front-opening box consists of a base (1) closed at the top by a lid (2), the base (1) including a front panel (1a) hinged thereto and means (7) to retain in the closed position the front panel (1a), as well as magnetic coupling means arranged at corresponding positions in the bottom panel (1b) of the base and on the lid (2), said means being preferably corner reinforcements (3) of ferromagnetic material arranged on the lid (2) and magnets (4) arranged at the corners of the bottom panel (1b). In this way, when a plurality of boxes are stacked the magnets 4 contained in the base 1 of each box magnetically engage the corner reinforcements 3 of the lid 2 of the underlying box and the boxes are securely stacked since they can not slide one with respect to the other.

IPC 8 full level
B65D 21/02 (2006.01)

CPC (source: EP)
B65D 5/68 (2013.01); **B65D 21/0223** (2013.01); **B65D 25/005** (2013.01); **B65D 2313/04** (2013.01)

Citation (applicant)
WO 2006064527 A1 20060622 - EVOLUZIONE SRL [IT], et al

Citation (search report)
• [Y] WO 2006064527 A1 20060622 - EVOLUZIONE SRL [IT], et al
• [Y] WO 2007033723 A1 20070329 - HENKEL KGAA [DE], et al
• [Y] EP 0636547 A2 19950201 - EVOLUZIONE SRL [IT]
• [Y] GB 2261648 A 19930526 - GD SPA [IT]

Cited by
ITM120110622A1; FR3091266A1; GB2496088A; CN111776406A; USD839479S; WO2012140554A1; WO2011145121A1; USD838479S; USD1011805S; WO2012017222A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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