

Title (en)

Foldably collapsible plastic tray

Title (de)

Faltbehälter aus Plastik

Title (fr)

Réceptient assemblable en matière plastique

Publication

EP 2141076 A1 20100106 (EN)

Application

EP 08380190 A 20080702

Priority

EP 08380190 A 20080702

Abstract (en)

"Container tray for assembleable and stackable products", in which the faces (1, 2, 3 and 4) that make up the tray are related to the base or bottom by weakening lines (5) of the plastic material. The setting up of the tray consists of the vertical pressing of the larger sides (1 and 2) and the smaller sides (3 and 4) onto the base, and their fitting together by using the lateral box holes (6 and 8) that the larger faces (1 and 2) have in their sides. Projections (10 and 11) that the smaller faces (3 and 4) have fit by pressure into these box holes (6 and 8). The base of the tray also has projections (12) on its lateral edge which fit into the box holes (13) which the two larger side faces (1 and 2) and the back face (3) of the tray have for this purpose. For the packaging, presentation and transport of the tray, the smaller faces (3 and 4) fold underneath the base, being held thanks to one of the smaller faces having tabs (14) that fit into holes (15) of the base of the tray, with a smaller face (3), which makes up the back part of the tray, being supported by the other face (4).

IPC 8 full level

B65D 1/22 (2006.01)

CPC (source: EP)

B65D 1/225 (2013.01)

Citation (search report)

- [X] WO 9902410 A1 19990121 - RAIOLA VITALIANO [BR]
- [XA] DE 9218977 U1 19960808 - SCHOELLER PLAST AG [CH]
- [A] EP 0659650 A1 19950628 - PROPLAST A HATZOPOYLOS G ANTON [GR]

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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