

Title (en)
GASTIGHT FOOD PACKAGING AND METHOD FOR PRODUCTION THEREOF

Title (de)
GASDICHTE LEBENSMITTELVERRACKUNG SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
EMBALLAGE ALIMENTAIRE ETANCHE AUX GAZ ET SON PROCEDE DE PRODUCTION

Publication
EP 1368241 A2 20031210 (DE)

Application
EP 02764013 A 20020307

Priority
• DE 10111232 A 20010308
• EP 0202526 W 20020307

Abstract (en)
[origin: DE10111232A1] The tray is made from a prefabricated blank which forms the base, sidewalls and an edge flange and is covered on the inner face in a composite plastic lining. Grooves(53) impressed at each folding edge face towards the folding direction and are formed on the side subjected to tension during folding. A foodstuffs package comprises the tray filled with contents and covered with a gas tight film passing over the edge and sealed. Independent claims are made for: a) a process for manufacturing the tray in which grooves(53) are impressed in the flat multi-layer card blank and the tray is assembled by folding the sections along the grooves(53) and bonding together. Complete nested trays are then transported to a forming station at which a composite plastic film is applied to the inner surface; b) a cut blank with smooth and rough faces for forming a tray and including grooved folding edges between the base and side sections and also between the side sections and triangular connecting flaps; c) a cut blank for forming a collar for insertion into the tray having a ring-shaped central opening with grooved folding edges for adjacent flap sections and a rectangular outer shape with trimmed corners. Preferred Features: Grooves are formed only along folding edges at which the adjacent sections are folded through high angles.

IPC 1-7
B65D 5/20; **B65D 5/42**; **B65D 5/32**

IPC 8 full level
B65D 5/32 (2006.01); **B65D 5/42** (2006.01); **B65D 5/56** (2006.01)

CPC (source: EP)
B65D 5/321 (2013.01); **B65D 5/4266** (2013.01); **B65D 5/563** (2013.01)

Citation (search report)
See references of WO 02085720A2

Cited by
GB2435029A

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)
DE 10111232 A1 20020919; EP 1368241 A2 20031210; WO 02085720 A2 20021031; WO 02085720 A3 20030320

DOCDB simple family (application)
DE 10111232 A 20010308; EP 0202526 W 20020307; EP 02764013 A 20020307