

Title (en)
PROTECTIVE PACKAGING AND ASSOCIATED PACKAGING METHOD FOR FRAGILE OBJECTS SUCH AS BOTTLES OR JARS AND PROCESS AND PUNCHED BLANK FOR FAST FORMATION OF THE PROTECTIVE PACKAGING

Title (de)
SCHUTZVERPACKUNG UND ZUGEHÖRIGES VERPACKUNGSVERFAHREN FÜR ZERBRECHLICHE GEGENSTÄNDE WIE FLASCHEN ODER GLÄSER SOWIE VERFAHREN UND STANZZUSCHNITT ZUR SCHNELLEN HERSTELLUNG DER SCHUTZVERPACKUNG

Title (fr)
EMBALLAGE PROTECTEUR ET PROCÉDÉ D'EMBALLAGE ASSOCIÉ POUR OBJETS FRAGILES TELS QUE DES BOUTEILLES OU DES BOCAUX ET PROCÉDÉ ET ÉBAUCHE PERFORÉE POUR LA FORMATION RAPIDE DE L'EMBALLAGE PROTECTEUR

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Application
EP 21195730 A 20210909

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Abstract (en)
Protective packaging (I100;I200;I300) for fragile objects, in particular bottles (1) or jars, formed by a flat punched blank (100;200;300) extending parallel to a longitudinal lengthwise direction (X-X) of the punched blank and the packaging, transverse widthwise direction (Y-Y) of the punched blank and the packaging, and vertical direction (Z-Z) of thickness and height of the packaging. The protective packaging (1100;1200;1300) comprises at least a first body (I101;I201;I301) for housing at least one or more fragile objects, formed by a plurality of adjacent planes of the punched blank joined and articulated together by means of transverse folding lines for relative rotation and at least one transverse fixing flap (115;215;315) glued onto one of said planes (I140;I240;I340), so that the first housing body (I101;I201;I301) is movable between a closed position, in which it is flattened onto the longitudinal-transverse plane, and an open position, folded out in the vertical direction Z-Z, in which the housing body assumes a tubular form with a rectangular cross-section. One or more of said plurality of surfaces, designed to be arranged perpendicular to the longitudinal-transverse plane when the first housing body is in the open position, comprises one or more through-openings (I113;I213;I313,I333) for inserting a fragile object into the first housing body.

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CPC (source: EP)
B65D 5/5061 (2013.01); **B65D 77/0426** (2013.01)

Citation (applicant)

- WO 2015049702 A1 20150409 - NAKURU SRL [IT]
- IT 2007901585548 A
- US 6702115 B1 20040309 - ROPER ANDREW [AU]

Citation (search report)

- [XY] FR 3082189 A1 20191213 - SAS MAUBRAC [FR]
- [Y] US 3181770 A 19650504 - COE MERRILL J
- [XA] FR 1141058 A 19570826
- [XA] GB 395043 A 19330713 - PEDRO MENTEN
- [XA] FR 2618410 A1 19890127 - DUPUY ENG SA [FR]

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