

Title (en)

Carrier for containers, blank made of kraft board for its manufacture and packaging machine for manufacturing packaging units comprising these carriers and containers

Title (de)

Träger für Dosen, zu dessen Herstellung bestimmter Zuschnitt aus Kraftkarton sowie Verpackungsmaschine zur Herstellung von Verpackungseinheiten aus diesen Trägern und Dosen

Title (fr)

Support pour boîtes, coupe destinée à sa fabrication en carton kraft ainsi que machine d'emballage destinée à la fabrication d'unités d'emballage à partir de ces supports et boîtes

Publication

EP 1923323 B1 20100303 (DE)

Application

EP 07022060 A 20071114

Priority

DE 202006017571 U 20061115

Abstract (en)

[origin: DE202006017571U1] Carrier made of kraft cardboard has floor part (4) which is avoided in the area of contact surfaces (A to D) with fiber outline and sharp edges of cans are provided with stick together or sealable protective layer. Carrier has upper end provided with bead form sharp edges of cans, floor part which limits folding lines (9a,9b) arranged laterally to each other and lower surface provided with contact surfaces for sharp edges of cans. The folding lines according to cross section of sharp edges of cans have limited distance from each other and whereby the area of folding lines are provided with slot like opening in which the sharp edges of cans can flexibly engage with attaching on the contact surface. An independent claim is also included for cutting from kraft cardboard for production of carrier for cans.

IPC 8 full level

B65D 71/42 (2006.01)

CPC (source: EP)

B65D 71/42 (2013.01); **B65D 2517/0098** (2013.01)

Cited by

US8881940B2; WO2012007496A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1923323 A1 20080521; **EP 1923323 B1 20100303**; AT E459547 T1 20100315; DE 202006017571 U1 20070301; DE 502007002987 D1 20100415; ES 2342430 T3 20100706; PT 1923323 E 20100602

DOCDB simple family (application)

EP 07022060 A 20071114; AT 07022060 T 20071114; DE 202006017571 U 20061115; DE 502007002987 T 20071114; ES 07022060 T 20071114; PT 07022060 T 20071114