Title (en)
PACKING UNIT FOR A PLURALITY OF BLOCK SHAPED CARTONS

Title (de)
EINRICHTUNG ZUM VERPACKEN EINER VIELZAHL BLOCKFÖRMIGER KARTONS

Title (fr)
UNITE D'EMBALLAGE DESTINEE A UNE PLURALITE DE CARTONNAGES PLIANTS EN FORME DE BLOCS

Publication
EP 0869904 A1 19981014 (EN)

Application
EP 97928400 A 19970714

Priority
• EP 97928400 A 19970714
• EP 96202608 A 19960918
• EP 97200355 A 19970210
• IB 9700868 W 19970714

Abstract (en)
[origin: WO9812115A1] The packing unit has a plurality of cartons (2) arranged in parallel rows (1), the first (21) and the last cartons (22) of the rows (1) constituting together a first (11) and a last end face (12) of the unit. The unit has a wrapper (3) folded about parallel folding lines (30) to make a base plane (31), opposing side planes (32) and a top (33) opposite the base plane (31). The wrapper (3) has edge strips (311, 321, 331) connected to the base plane (31), the side planes (32) and the top (33) respectively, and also connected to one another, and being present against the first (11) and the last end face (12) respectively. The top (33) may be divided into a first (33') and a second (33") part, each connected to a respective side plane (32). The packing unit keeps the cartons (2) securely confined and needs nevertheless little packaging material.

IPC 1-7
B65D 5/04; B65D 5/20; B65D 85/62

IPC 8 full level
B65D 5/04 (2006.01); B65D 5/20 (2006.01); B65D 71/00 (2006.01); B65D 71/06 (2006.01); B65D 85/62 (2006.01)

CPC (source: EP)
B65D 71/06 (2013.01); B65D 2571/00141 (2013.01); B65D 2571/00154 (2013.01); B65D 2571/00574 (2013.01); B65D 2571/0066 (2013.01); B65D 2571/00728 (2013.01); B65D 2571/0079 (2013.01)

Citation (search report)
See references of WO 9812115A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 29716506 U1 19971120; CN 1081578 C 20020327; CN 1204993 A 19990113; DE 69719729 D1 20030417; DE 69719729 T2 20031127; EP 0869904 A1 19981014; EP 0869904 B1 20030312; JP 2000500725 A 20000125; WO 9812115 A1 19980326

DOCDB simple family (application)
DE 29716506 U 19970913; CN 97191258 A 19970714; DE 69719729 T 19970714; EP 97928400 A 19970714; IB 9700868 W 19970714; JP 51442898 A 19970714