

Title (en)

CARTON HANDLE

Title (de)

KARTON MIT TRAGEGRIFF

Title (fr)

POIGNEE DE CARTON D'EMBALLAGE

Publication

**EP 1017598 A1 20000712 (EN)**

Application

**EP 98905957 A 19980115**

Priority

- GB 9700918 A 19970117
- US 9800721 W 19980115

Abstract (en)

[origin: WO9831604A1] A packaging carton comprising a handle panel (18, 20) hingeably connected to an upper panel (16, 24) of the carton, said handle panel including a substantially trapezoidal aperture (58, 60) being adapted to receive part of a users hand, said aperture including side edges which are convergent towards the top of the carton whereby components of the force exerted when the handle panel is in use are transmitting said side edges so that the dead load of the carton, when lifted, is distributed over a substantial area of said handle panel. Hand cushioning flaps (62, 64, 66, 74, 76, 78) are struck from side edges (90, 94) and upper edge (92) of handle panel (18, 20).

IPC 1-7

**B65D 71/30**

IPC 8 full level

**B65D 71/00** (2006.01); **B65D 71/30** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

**WO 9831604 A1 19980723**; AT E219449 T1 20020715; AU 6131898 A 19980807; CZ 299534 B6 20080827; CZ 9902541 A3 20011114; DE 69806172 D1 20020725; DE 69806172 T2 20030123; DK 1017598 T3 20020715; EE 04148 B1 20031015; EE 9900299 A 20000215; EP 1017598 A1 20000712; EP 1017598 B1 20020619; ES 2179455 T3 20030116; GB 9700918 D0 19970305; HU 223187 B1 20040329; HU P0001756 A2 20000928; HU P0001756 A3 20010828; PL 190007 B1 20051031; PL 334857 A1 20000327; PT 1017598 E 20021129; RO 120331 B1 20051230; ZA 98343 B 19981029

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