

Title (en)  
HANDLE FOR PAPERBOARD CONTAINERS

Title (de)  
HANDGRIFF FÜR KARTONVERPACKUNGEN

Title (fr)  
POIGNEE POUR EMBALLAGES EN CARTON

Publication  
**EP 0835210 B1 19990728 (EN)**

Application  
**EP 96914293 A 19960517**

Priority  

- GB 9601178 W 19960517
- GB 9509960 A 19950517

Abstract (en)  
[origin: GB2300852A] A tape reinforced handle 10 has an end joined directly to a pack panel 12 in which the reinforcement tape 22 terminates, the handle end having edges formed by cuts 18, 20 running into the panel 12 and terminating in stress relieving apertures 38, 40. The cuts 18, 20 preferably diverge to form a widened handle end thereby allowing a substantial proportion of the handle loads to be transferred from the reinforcement tape 22 to the non-reinforced material of the handle end and panel 12. Pack sides 26 preferably overlie end edges of the handle formed by the divergent cuts 18, 20 to resist the wedging action which thereby arises. The pack sides 26 are fastened to the panel 12 by glue beads 30, 32, 34.

IPC 1-7  
**B65D 5/468**

IPC 8 full level  
**B65D 5/46** (2006.01); **B65D 5/462** (2006.01); **B65D 71/00** (2006.01); **B65D 71/36** (2006.01)

CPC (source: EP)  
**B65D 5/46192** (2013.01); **B65D 71/36** (2013.01); **B65D 2571/00141** (2013.01); **B65D 2571/00462** (2013.01); **B65D 2571/00543** (2013.01);  
**B65D 2571/0066** (2013.01); **B65D 2571/00728** (2013.01)

Cited by  
WO0119690A1

Designated contracting state (EPC)  
BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)  
**GB 2300852 A 19961120; GB 2300852 B 19981125; GB 9509960 D0 19950712;** AU 5770296 A 19961129; CZ 363497 A3 19990512;  
DE 69603486 D1 19990902; DE 69603486 T2 20000316; DK 0835210 T3 20000221; EP 0835210 A1 19980415; EP 0835210 B1 19990728;  
PL 181243 B1 20010629; PL 323348 A1 19980330; SK 154497 A3 19980805; WO 9636539 A1 19961121

DOCDB simple family (application)  
**GB 9509960 A 19950517;** AU 5770296 A 19960517; CZ 363497 A 19960517; DE 69603486 T 19960517; DK 96914293 T 19960517;  
EP 96914293 A 19960517; GB 9601178 W 19960517; PL 32334896 A 19960517; SK 154497 A 19960517