

Title (en)  
BOTTLE MADE OF SYNTHETIC RESIN

Publication  
**EP 0441966 A4 19910828 (EN)**

Application  
**EP 90910184 A 19900706**

Priority  
• JP 8023789 U 19890707  
• JP 9000867 W 19900706

Abstract (en)  
[origin: EP0441966A1] A bottle made of synthetic resin is composed of a body and a stand to keep the bottle upright stably. The bottle body (1) is made of synthetic resin by biaxial stretching blow moulding, inwardly recessed at the bottom central part (6), and provided with a wide engagement groove (4) formed around the outer periphery. The stand (7) is a short cylinder nearly equal to the trunk (2) of the body (1) in outer dia. and the upper half is an engagement cylinder (9) to be engaged with the groove (4) of the bottle body (1). The lower half is a cylindrical leg (8) positioned below the lowermost end of the bottom (3) of the bottle body when engaged with the bottle.

IPC 1-7  
**B65D 23/00**

IPC 8 full level  
**B65D 1/02** (2006.01); **B65D 23/00** (2006.01); **B65D 25/20** (2006.01)

CPC (source: EP KR)  
**B65D 23/00** (2013.01 - KR); **B65D 23/001** (2013.01 - EP)

Citation (search report)  
• [YP] US 4919284 A 19900424 - TIEDEMANN WILLIAM H [US], et al  
• [Y] FR 2357437 A1 19780203 - CARNAUD TOTAL INTERPLASTIC [FR]  
• See references of WO 9100832A1

Cited by  
EP2316740A1; GB2422140A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0441966 A1 19910821; EP 0441966 A4 19910828; EP 0441966 B1 19941130**; AT E114586 T1 19941215; AU 5936890 A 19910206; AU 647744 B2 19940331; CA 2035902 A1 19910108; CA 2035902 C 19990112; CN 1027057 C 19941221; CN 1049005 A 19910206; DE 69014589 D1 19950112; DE 69014589 T2 19950420; ES 2066211 T3 19950301; JP 2524264 Y2 19970129; JP H0319848 U 19910227; KR 0172957 B1 19990330; KR 920701006 A 19920810; MY 109492 A 19970228; WO 9100832 A1 19910124

DOCDB simple family (application)  
**EP 90910184 A 19900706**; AT 90910184 T 19900706; AU 5936890 A 19900706; CA 2035902 A 19900706; CN 90104501 A 19900707; DE 69014589 T 19900706; ES 90910184 T 19900706; JP 8023789 U 19890707; JP 9000867 W 19900706; KR 910700251 A 19910307; MY PI19901134 A 19900706