

Title (en)  
Handle attachment on plastic containers

Title (de)  
Traggriffbefestigung an Kunststoffbehältern

Title (fr)  
Fixation de poignée à des conteneurs en plastique

Publication  
**EP 1541478 B1 20070214 (DE)**

Application  
**EP 04028773 A 20041204**

Priority  
DE 10357936 A 20031211

Abstract (en)  
[origin: EP1541478A1] The grip (1) has a round plastic base plate (4) mounted on a plastic holder plate (7) formed on/in the barrel body, and an overturning and twisting prevention device for the grip base plate. A threaded socket on the base plate is screwed to a threaded stud on the holder plate. A flexible locking tongue (11) on a shoulder (10) on the container acts as anti-twisting device locks into a recess (12) in the outer edge (13) of the base plate and engages on a stop edge (14). A second similar locking tongue (15) on the holder plate locks into a further recess (16) in the outer base plate edge and engages on a stop edge (17).

IPC 8 full level  
**B65D 25/28** (2006.01)

CPC (source: EP US)  
**B65D 25/2841** (2013.01 - EP US); **B65D 2525/285** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1541478 A1 20050615; EP 1541478 B1 20070214**; AR 046882 A1 20051228; AT E353828 T1 20070315; AU 2004237859 A1 20050630; BR PI0405411 A 20050830; CN 100335377 C 20070905; CN 1626410 A 20050615; DE 10357936 A1 20050714; DE 502004002899 D1 20070329; DK 1541478 T3 20070402; ES 2278266 T3 20070801; JP 2005170516 A 20050630; JP 3954613 B2 20070808; MX PA04012375 A 20050921; NO 20045399 L 20050613; PL 1541478 T3 20070731; RU 2004136271 A 20060520; RU 2283804 C2 20060920; US 2005127080 A1 20050616; US 7575128 B2 20090818; ZA 200409369 B 20050713

DOCDB simple family (application)  
**EP 04028773 A 20041204**; AR P040104606 A 20041210; AT 04028773 T 20041204; AU 2004237859 A 20041209; BR PI0405411 A 20041209; CN 200410101988 A 20041210; DE 10357936 A 20031211; DE 502004002899 T 20041204; DK 04028773 T 20041204; ES 04028773 T 20041204; JP 2004357470 A 20041210; MX PA04012375 A 20041209; NO 20045399 A 20041210; PL 04028773 T 20041204; RU 2004136271 A 20041210; US 995304 A 20041210; ZA 200409369 A 20041122