

Title (en)  
PRESS-TWIST CLOSING DEVICE FOR CONTAINERS

Title (de)  
"PRESS TWIST"-VERSCHLUSSEINRICHTUNG FUER BEHAELTER

Title (fr)  
DISPOSITIF DE FERMETURE ENGAGE PAR PRESSION ET RETIRE PAR ROTATION

Publication  
**EP 1786694 A1 20070523 (DE)**

Application  
**EP 05771336 A 20050729**

Priority  

- DE 2005001346 W 20050729
- DE 102004037023 A 20040730
- DE 102004038144 A 20040805

Abstract (en)  
[origin: WO2006012872A1] The invention relates to a closing device on, or for, a sheet metal closing lid to be opened by rotation. Said closing device comprises a covering surface (10), a skirting section (20) located on the edge of the covering surface (10), and a sealing layer (25) which extends (25a; 25b) between a peripheral section of the covering surface and the skirting section. A securing ring (40, 30) consisting of a non-metal has two peripheral sections: a securing section (40) comprising a moulded strip section (41) which protrudes radially inwards and upwards, and a connecting section (30) for applying the securing section (40) to an axially lower end of the skirting section (20). The lower end (21, 21a) of the skirting section, rolled over more than 180°, is at least partially surrounded (32, 32a, 32b) by the connecting section (30), by an inner side of the skirting section.

IPC 8 full level  
**B65D 41/34** (2006.01)

CPC (source: EP KR US)  
**B65D 41/32** (2013.01 - KR); **B65D 41/34** (2013.01 - KR); **B65D 41/3438** (2013.01 - EP US); **B65D 43/0283** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00277** (2013.01 - EP US); **B65D 2543/00527** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00564** (2013.01 - EP US); **B65D 2543/00962** (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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006012872 A1 20060209**; AT E437812 T1 20090815; AU 2005269127 A1 20060209; AU 2005269127 B2 20110707; AU 2005269127 C1 20120119; BR PI0513920 A 20080520; CA 2575598 A1 20060209; CN 101767675 A 20100707; CN 101767675 B 20121024; CY 1109542 T1 20120523; DE 102004038144 A1 20060323; DE 102004038144 B4 20070510; DE 112005002456 A5 20070712; DE 502005007799 D1 20090910; DK 1786694 T3 20091130; EP 1786694 A1 20070523; EP 1786694 B1 20090729; ES 2330541 T3 20091211; HK 1145669 A1 20110429; KR 101238512 B1 20130228; KR 20080009255 A 20080128; MX 2007001247 A 20081028; NZ 552541 A 20101126; PL 1786694 T3 20100129; PT 1786694 E 20091022; RU 2006145956 A 20080910; RU 2466917 C2 20121120; SI 1786694 T1 20100129; US 2008105641 A1 20080508; US 7946438 B2 20110524

DOCDB simple family (application)  
**DE 2005001346 W 20050729**; AT 05771336 T 20050729; AU 2005269127 A 20050729; BR PI0513920 A 20050729; CA 2575598 A 20050729; CN 200910263719 A 20050729; CY 091101116 T 20091026; DE 102004038144 A 20040805; DE 112005002456 T 20050729; DE 502005007799 T 20050729; DK 05771336 T 20050729; EP 05771336 A 20050729; ES 05771336 T 20050729; HK 10112241 A 20101230; KR 20077000600 A 20050729; MX 2007001247 A 20050729; NZ 55254105 A 20050729; PL 05771336 T 20050729; PT 05771336 T 20050729; RU 2006145956 A 20050729; SI 200530823 T 20050729; US 57288105 A 20050729