

Title (en)
ROTATING CLOSURE FOR A CONTAINER

Title (de)
DREHVERSCHLUSS FÜR EINEN BEHÄLTER

Title (fr)
FERMETURE ROTATIVE POUR CONTENANT

Publication
EP 1465815 A2 20041013 (DE)

Application
EP 02730205 A 20020424

Priority
• DE 10202147 A 20020117
• EP 0204523 W 20020424

Abstract (en)
[origin: US2003132244A1] A twist closure means for a container has a screw cap, which includes an inner cylinder and a cutting edge extending from the inner cylinder, and a supply container rotatably arrangeable on the inner cylinder. The supply container includes a supply container bottom and a pocket extending from the supply container bottom for accommodation of the cutting edge.

IPC 1-7
B65D 51/28; **B65D 81/32**

IPC 8 full level
B65D 41/34 (2006.01); **B65D 51/28** (2006.01); **B65D 1/00** (2006.01)

CPC (source: EP KR US)
B65D 41/34 (2013.01 - KR); **B65D 41/3442** (2013.01 - EP US); **B65D 51/28** (2013.01 - KR); **B65D 51/285** (2013.01 - EP US);
B65D 55/02 (2013.01 - KR); **B65D 81/32** (2013.01 - KR); **Y10S 215/08** (2013.01 - EP US)

Cited by
US10676261B2; US11718457B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2003132244 A1 20030717; **US 7178683 B2 20070220**; AR 038160 A1 20041229; AT E309149 T1 20051115; AU 2002302572 A1 20030730; BR 0215525 A 20041221; CA 2473204 A1 20030724; CN 1615247 A 20050511; CZ 2004875 A3 20050713; DE 10202147 A1 20030918; DE 50204907 D1 20051215; EP 1465815 A2 20041013; EP 1465815 B1 20051109; ES 2248555 T3 20060316; HK 1072760 A1 20050909; HU P0402641 A2 20050428; JP 2005538900 A 20051222; KR 20040089114 A 20041020; MX PA04006908 A 20050419; PL 369830 A1 20050502; RU 2004124937 A 20050610; WO 03059774 A2 20030724; WO 03059774 A3 20031106

DOCDB simple family (application)
US 34702103 A 20030117; AR P030100138 A 20030117; AT 02730205 T 20020424; AU 2002302572 A 20020424; BR 0215525 A 20020424; CA 2473204 A 20020424; CN 02827248 A 20020424; CZ 2004875 A 20020424; DE 10202147 A 20020117; DE 50204907 T 20020424; EP 0204523 W 20020424; EP 02730205 A 20020424; ES 02730205 T 20020424; HK 05103163 A 20050413; HU P0402641 A 20020424; JP 2003559896 A 20020424; KR 20047011176 A 20020424; MX PA04006908 A 20020424; PL 36983002 A 20020424; RU 2004124937 A 20020424