

Title (en)
CLOSURE FOR DRINK CONTAINERS

Title (de)
VERSCHLUSS FÜR GETRÄNKEBEHÄLTER

Title (fr)
FERMETURE POUR RECIPIENT A BOISSON

Publication
EP 2274212 B1 20130904 (DE)

Application
EP 09725630 A 20090306

Priority
• EP 2009001594 W 20090306
• DE 102008016320 A 20080328

Abstract (en)
[origin: WO2009118090A1] The invention relates to improving a closure for drink containers (1) having a substantially cylindrical neck (2) with an end opening and a closure cap (3), such that it enables significant simplification of the closure design and thereby allows simple and secure closing of barrels at the same or even increased strength of the neck arrangement. The aim is achieved in that the neck (2) comprises an interior circumferential detent collar (4) and the closure cap (3) comprises an insertion shaft (5), having a peripheral detent groove (6) on the outer circumference thereof that corresponds to the detent collar (4) and is profiled in the insertion direction, wherein the detent groove (6) extends across the detent collar (4) on the ring surface (7) thereof located in the insertion direction.

IPC 8 full level
B65D 39/00 (2006.01)

CPC (source: EP US)
B65D 39/0023 (2013.01 - EP US); **B65D 39/0041** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102008016320 B3 20090430; CN 101959764 A 20110126; EP 2274212 A1 20110119; EP 2274212 B1 20130904;
PL 2274212 T3 20140228; RU 2010144051 A 20120510; RU 2468975 C2 20121210; US 2011000926 A1 20110106; US 9994366 B2 20180612;
WO 2009118090 A1 20091001

DOCDB simple family (application)
DE 102008016320 A 20080328; CN 200980106637 A 20090306; EP 09725630 A 20090306; EP 2009001594 W 20090306;
PL 09725630 T 20090306; RU 2010144051 A 20090306; US 92149109 A 20090306