

Title (en)
QUICK RELEASE CAPPING HEAD

Title (de)
SCHNELLWECHSELSCHRAUBKOPF

Title (fr)
TÊTE DE VISSAGE À FIXATION RAPIDE

Publication
EP 2155598 A2 20100224 (DE)

Application
EP 08734952 A 20080402

Priority

- EP 2008002603 W 20080402
- DE 102007028429 A 20070620

Abstract (en)
[origin: US2010205905A1] A device for closing containers, particularly bottles, with screw caps, having at least one rotatably drivable closing head in which a closure-specific closing element is exchangeably retained, a positive-fit quick-change mechanism for the respective closing element is embodied in the closing head, and in the release state of the quick-change mechanism the closing element can be laterally removed or inserted essentially perpendicular to the rotational axis of the closing head.

IPC 8 full level
B67B 3/20 (2006.01)

CPC (source: EP US)
B67B 3/2066 (2013.01 - EP US); **B67B 2201/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2008154973A2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2010205905 A1 20100819; US 8166730 B2 20120501; AT E520621 T1 20110915; CN 101795960 A 20100804; CN 101795960 B 20120125; DE 102007028429 A1 20081224; EP 2155598 A2 20100224; EP 2155598 B1 20110817; ES 2367546 T3 201111104; PL 2155598 T3 20120131; SI 2155598 T1 20111230; WO 2008154973 A2 20081224; WO 2008154973 A3 20090312

DOCDB simple family (application)
US 66490408 A 20080402; AT 08734952 T 20080402; CN 200880021221 A 20080402; DE 102007028429 A 20070620; EP 08734952 A 20080402; EP 2008002603 W 20080402; ES 08734952 T 20080402; PL 08734952 T 20080402; SI 200830431 T 20080402