

Title (en)
Expansible bottle stopper

Title (de)
Dehnbarer Flaschenstöpsel

Title (fr)
Bouchon de bouteille extensible

Publication
EP 2028121 A3 20090923 (EN)

Application
EP 08013655 A 20080730

Priority
CN 200710143038 A 20070821

Abstract (en)
[origin: EP2028121A2] An expansible bottle stopper includes a body (1, 4), a resilient member (2, 5), and a movable member (3, 6) that is longitudinally movable relative to the body (1, 4). The resilient member (2, 5) is caused to expand radially by a first-stage longitudinal displacement of the movable member (3, 6) relative to the body (1, 4) or to shrink radially by a second-stage longitudinal displacement of the movable member (3, 6) relative to the body (1, 4).

IPC 8 full level
B65D 39/12 (2006.01); **B65D 55/02** (2006.01)

CPC (source: EP)
B65D 39/12 (2013.01); **B65D 55/026** (2013.01)

Citation (search report)
• [AD] TW 467850 B 20011211 - SUNLOT BOTTLE STOPPER CO LTD [TW]
• [A] WO 0236450 A1 20020510 - CHEN CHUNG CHIN [US], et al

Cited by
EA022140B1; US9114912B2; WO2011086407A3; WO2011049487A1

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)
EP 2028121 A2 20090225; EP 2028121 A3 20090923; CN 101372274 A 20090225; CN 101372274 B 20100818

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EP 08013655 A 20080730; CN 200710143038 A 20070821