

Title (en)
Bottle stopper

Title (de)
Flaschenstöpsel

Title (fr)
Butoir pour bouteille

Publication
EP 2080707 B1 20100317 (EN)

Application
EP 08001052 A 20080121

Priority
EP 08001052 A 20080121

Abstract (en)
[origin: EP2080707A1] A bottle stopper includes a cover body 2 assembled with a rotatable member 4 and a shaft rod 3 which is combined with the rotatable member 4 by an insert pin 43. A connecting base 5, a plugging member 6 and a fixing base 7 are secured with the lower portion of the shaft rod 3 by a fastening member 72 and positioned in the recessed chamber 20 of the cover body 2. When the rotatable member 4 is rotated clockwise, the insert pin 43 restricted by two guide notches 26 of the cover body 2 not to be rotated with the rotatable member 4 will only slide upwards in two oblique slide grooves 41 of the rotatable member 4 to actuate the shaft rod 3 to move upwards. Synchronously, the fixing base 7 under the shaft rod 3 will be moved up to squeeze the soft plugging member 6 to expand outwards and plug a bottle mouth 90 of a bottle 9 closely, thus letting the bottle 9 placed horizontally for facilitating storing.

IPC 8 full level
B65D 39/12 (2006.01)

CPC (source: EP)
B65D 39/12 (2013.01)

Cited by
CN110092075A; GB2508736A; GB2508736B

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

DOCDB simple family (publication)
EP 2080707 A1 20090722; EP 2080707 B1 20100317; AT E461118 T1 20100415; DE 602008000840 D1 20100429

DOCDB simple family (application)
EP 08001052 A 20080121; AT 08001052 T 20080121; DE 602008000840 T 20080121