

Title (en)

BOTTLE STOPPER

Publication

EP 0377355 B1 19930203 (FR)

Application

EP 89403320 A 19891130

Priority

FR 8815973 A 19881206

Abstract (en)

[origin: EP0377355A1] The stopper according to the invention comprises a central tubular body (3) and a peripheral skirt (11) for screwing it on the neck (1) of a bottle, the central tubular body (3) having openings produced between a solid annular end part (4) and a transverse wall (8) located opposite a bead (7) providing the sealing when the stopper is in its position completely closing off the bottle. In a position of intermediate closing off the stopper is pushed into the neck in a confined manner by a bead (6), a connection between the inside of the bottle and the atmosphere being provided by the uncovered windows (13). <IMAGE>

IPC 1-7

B01L 3/14; **B65D 51/24**

IPC 8 full level

B01L 3/14 (2006.01); **B65D 51/24** (2006.01)

CPC (source: EP)

B01L 3/50825 (2013.01); **B65D 51/241** (2013.01)

Cited by

FR2695914A1; US6199297B1; WO0044641A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0377355 A1 19900711; **EP 0377355 B1 19930203**; AT E85290 T1 19930215; DE 68904759 D1 19930318; DE 68904759 T2 19930819; ES 2038433 T3 19930716; FR 2639919 A1 19900608; FR 2639919 B1 19910125; GR 3007260 T3 19930730

DOCDB simple family (application)

EP 89403320 A 19891130; AT 89403320 T 19891130; DE 68904759 T 19891130; ES 89403320 T 19891130; FR 8815973 A 19881206; GR 930400480 T 19930309