

Title (en)
KEEP-FRESH-CLOSURE FOR UNFINISHED CHAMPAGNE BOTTLES

Publication
EP 0438647 A3 19920506 (DE)

Application
EP 90121354 A 19901108

Priority
• DE 4001663 A 19900122
• DE 4016592 A 19900523

Abstract (en)
[origin: US5172821A] In order to keep opened bottles of sparkling wine fresh, a bottle closure device has been created which consists of a stopper which can be easily inserted and which sits without further manipulation in the bottle neck in a sealing manner so as to be axially displaceable. The device is also provided with a bracket retaining device which has upper and lower retaining fingers for holding the stopper and simultaneously engaging underneath the rim of the bottle neck. The stopper also has a gas injection bore with a non-return valve in order to inject freshness-retaining gas pressure.

IPC 1-7
B65D 39/00; **B65D 45/16**; **B65D 51/24**; **B65D 81/20**

IPC 8 full level
B65D 39/00 (2006.01); **B65D 45/18** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP US)
B65D 39/0017 (2013.01 - EP US); **B65D 45/18** (2013.01 - EP US); **B65D 51/1644** (2013.01 - EP US); **B65D 2539/003** (2013.01 - EP US)

Citation (search report)
• [AD] DE 3901711 A1 19890824 - BOCKELMANN WERNER D DR MED [DE]
• [AD] FR 1098086 A 19550718
• [A] US 4401226 A 19830830 - BROWN HOMER J [US]
• [AD] DE 2211152 A1 19730920 - KNOPF K HORST

Cited by
DE9309929U1; WO2018226125A1

Designated contracting state (EPC)
AT BE CH DK ES FR GB GR IT LI LU NL SE

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US 5172821 A 19921222; AT E112742 T1 19941015; DE 4016592 C1 19910523; EP 0438647 A2 19910731; EP 0438647 A3 19920506; EP 0438647 B1 19941012

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