

Title (en)

Replacement cap for vessel

Title (de)

Austauschverschluss für eine Flasche

Title (fr)

Capuchon de remplacement pour bouteille

Publication

**EP 1334916 A1 20030813 (EN)**

Application

**EP 03002531 A 20030205**

Priority

JP 2002029678 A 20020206

Abstract (en)

In a replacement cap for a vessel, in which a cap body 2 is mounted on a mouth portion 1a of a vessel 1 so as to be replaceable so that a liquid in the vessel 1 can be drunk through a tube 5 provided on the cap body 2, the cap body 2 is provided with an air supply port 4 having cup-shaped valve means 10 which is closed normally and is opened to supply the outside air into the vessel 1 when the interior of the vessel 1 becomes at a negative pressure. Since the valve means 10 is opened to supply the outside air into the vessel 1 when the interior of the vessel 1 becomes at a negative pressure, a liquid in the vessel 1 can be drunk smoothly through the tube 5. <IMAGE>

IPC 1-7

**B65D 47/32**; **B65D 47/06**

IPC 8 full level

**B65D 25/42** (2006.01); **B65D 47/06** (2006.01); **B65D 47/32** (2006.01); **B65D 51/24** (2006.01)

CPC (source: EP US)

**B65D 47/06** (2013.01 - EP US); **B65D 47/32** (2013.01 - EP US)

Citation (applicant)

JP 2002080664 A 20020319 - SUMITOMO CHEMICAL CO

Citation (search report)

- [X] DE 9005488 U1 19910912
- [A] EP 0388828 A1 19900926 - ICA SPA [IT], et al
- [A] US 5803310 A 19980908 - SOON MIN TET [MY]

Cited by

US7950388B2

Designated contracting state (EPC)

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**EP 1334916 A1 20030813**; JP 2003231545 A 20030819; US 2003168462 A1 20030911

DOCDB simple family (application)

**EP 03002531 A 20030205**; JP 2002029678 A 20020206; US 35522603 A 20030131