

Title (en)

Ventilation device for a drink bottle

Title (de)

Belüftungsvorrichtung für eine Trinkflasche

Title (fr)

Dispositif d'aération pour une bouteille de boisson

Publication

EP 2133061 A2 20091216 (DE)

Application

EP 09006863 A 20090520

Priority

DE 102008027606 A 20080610

Abstract (en)

The device (5) has a vent disc (6) with a first front side seated in a plane with a circumferential edge of the opening of the container (2) brought into engagement. A second face (12) extends from the bottle teats (4). The outer edge of the air washer is made in the direction of the opening and extends to a first section (13) and connects the first section to the first end face and extends toward the interior of the tank being open towards the second section (14). The second section has an area (14a), in which its cross section increases toward the interior of the container. An independent claim is included for a bottle.

Abstract (de)

Eine Belüftungsvorrichtung (5) zum leichtgängigen und leckfreie Saugen einer Trinkflüssigkeit (3) aus einem Behälter (2) über einen Sauger (4). Die Belüftungsvorrichtung (5), die zwischen Behälter (2) und Sauger (4) angeordnet und mit dem Schraubring (8) über die Gewindeverbindung (9) mit der Trinkflasche (1) verschraubt wird, dient dem Unterdruckabbau im Behälter (2) (Fig. 1).

IPC 8 full level

A61J 9/04 (2006.01); **A61J 11/02** (2006.01)

CPC (source: EP US)

A61J 9/04 (2013.01 - EP US); **A61J 11/02** (2013.01 - EP US)

Citation (applicant)

- DE 19601198 C1 19970717 - WILLMANN HERBERT [DE]
- DE 19849271 A1 20000427 - WILLMANN HERBERT [DE]
- US 2006213859 A1 20060928 - SHEU MIIN-TSANG [TW]

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US2016262985A1; US10085920B2; US10195117B2; US10940095B2

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EP 2133061 A2 20091216; **EP 2133061 A3 20110525**; **EP 2133061 B1 20130717**; DE 102008027606 A1 20091217; ES 2431169 T3 20131125; US 2010032398 A1 20100211

DOCDB simple family (application)

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