

Title (en)

DEVICE FOR THE PRODUCTION OF FOAM, ESPECIALLY FOR WASHING OR OTHER CLEANSING PURPOSES

Publication

**EP 0118682 A3 19870318 (DE)**

Application

**EP 84100540 A 19840119**

Priority

DE 3304177 A 19830208

Abstract (en)

[origin: EP0118682A2] Foam (15) is produced continuously by mixing water with a foam former (32), in particular shampoo, and feeding air into this liquid mixture (12) of water and foam former (32), which is placed into a liquid tank (10) level-controlled by means of a float switch (13) for resupply in accordance with consumption. Compressed air is introduced as required into the liquid mixture (12) for foaming, and foam (15) is thereby produced in the liquid tank (10) above the level of the liquid mixture (12). The water is fed in a separate water feed line (20) at the set pressure and/or rate. In the same way, the foam former (32) is fed in a separate feed line (30) at a metered rate by means of a metering pump (33), and water and foam former are mixed in the liquid tank (10) or before they are introduced. The float switch (13) controls the feed of water and foam former (32) as a function of the liquid level (14). In a separate feed branch (40) compressed air is introduced into the liquid mixture (12) in the liquid tank (10) whenever foam (15) produced is taken off, and the mixture is whirled up, forming foam (single figure). <IMAGE>

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**B01F 3/04**

IPC 8 full level

**A47K 5/14** (2006.01); **B01F 3/04** (2006.01)

CPC (source: EP)

**A47K 5/14** (2013.01); **B01F 23/291** (2022.01)

Citation (search report)

- [A] WO 8103129 A1 19811112 - HULL D
- [A] US 2871058 A 19590127 - SALVATORE PUGLIA

Cited by

DE102016119179A1; WO2022052764A1

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**DE 3304177 C1 19831222**; DK 24284 A 19840809; DK 24284 D0 19840120; EP 0118682 A2 19840919; EP 0118682 A3 19870318

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