

Title (en)

Dispensing head for a system for dispensing a pressurised product

Title (de)

Sprühkopf für ein Sprühsystem eines unter Druck stehenden Produkts

Title (fr)

Tête de distribution pour un système de distribution d'un produit sous pression

Publication

EP 2705904 A1 20140312 (FR)

Application

EP 13182088 A 20130828

Priority

FR 1258306 A 20120905

Abstract (en)

The head has a body including a mounting shaft on a tube for supplying a pressurized product, and a channel for dispensing the product between the shaft and a dispensing orifice (11) for dispensing the product. The dispensing orifice is formed between upper and lower longitudinal walls (11a, 11b) that are connected by lateral walls (11c, 11d). Each lateral wall includes a projection (18) that extends between the longitudinal walls, where the walls of the dispensing orifice include an antimicrobial agent for the product to be dispensed. The antimicrobial agent includes an organic base such as Triclosan (RTM: chlorinated aromatic compound), or a silver base. Independent claims are also included for the following: (1) a system for dispensing a pressurized product (2) a bottle containing a product to be dispensed under pressure.

Abstract (fr)

L'invention concerne une tête de distribution (2) pour un système de distribution d'un produit sous pression, ladite tête (2) comprenant un corps (9) présentant un puits de montage (10) de ladite tête (2) sur un tube d'amenée (8) du produit sous pression et un chemin de distribution du produit entre ledit puits (10) et un orifice de distribution (11) dudit produit, ledit orifice de distribution étant formé entre deux parois longitudinales respectivement supérieure (11a) et inférieure (11b) qui sont reliées de part et d'autre par respectivement une paroi latérale (11 c, 11 d) dont la dimension transversale est inférieure à la dimension longitudinale des parois longitudinales (11a, 11 b), chacune des parois latérales (11 c, 11 d) présente une saillie (18) qui s'étend entre les parois longitudinales (11a, 11 b), au moins les parois (11a-11d) de l'orifice de distribution (11) comprenant un agent antimicrobien pour le produit à distribuer.

IPC 8 full level

B05B 1/04 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP US)

B05B 1/04 (2013.01 - EP US); **B05B 1/046** (2013.01 - EP US); **B05B 1/048** (2013.01 - EP US); **B05B 11/1001** (2023.01 - EP US); **B05B 11/1047** (2023.01 - US)

Citation (search report)

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- [A] EP 0580460 A1 19940126 - OREAL [FR]
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- [A] EP 1716928 A2 20061102 - SAINT GOBAIN CALMAR INC [US]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2705904 A1 20140312; **EP 2705904 B1 20150812**; BR 102013022582 A2 20170509; BR 102013022582 B1 20200915; CN 103662362 A 20140326; CN 103662362 B 20181012; ES 2549965 T3 20151103; FR 2994865 A1 20140307; FR 2994865 B1 20140926; US 2014061251 A1 20140306; US 9381532 B2 20160705

DOCDB simple family (application)

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