

Title (en)

DISCHARGE HEAD AND LIQUID DISPENSER WITH SUCH A DISCHARGE HEAD

Title (de)

AUSTRAGKOPF UND FLÜSSIGKEITSSPENDER MIT EINEM SOLCHEN AUSTRAGKOPF

Title (fr)

TÊTE DE DISTRIBUTION ET DISTRIBUTEUR DE LIQUIDE COMPRENANT UNE TELLE TÊTE DE DISTRIBUTION

Publication

EP 3323753 B1 20190807 (DE)

Application

EP 16199378 A 20161117

Priority

EP 16199378 A 20161117

Abstract (en)

[origin: WO2018091376A1] Discharge heads (10) for a liquid dispenser (100), comprising a housing (20), a coupling device (24) for mounting on a liquid dispenser (90), a discharge opening (38), through which the liquid can be discharged into a surrounding atmosphere, and an outlet channel (30), which extends from an inlet region (32) pointing in the direction of the liquid reservoir (90) to the discharge opening (38), and by means of which the discharge opening (38) can be supplied with liquid, are known. The invention relates to a discharge head as described above, wherein a throttle device (34) having a throttle channel (50, 60) for reducing the liquid pressure and/or the liquid flow of the liquid flowing through the throttle device (34) is arranged in the outlet channel (30). Said throttle device (34) is designed as a dynamic throttle device (34), in which a free cross section of the throttle channel (50) is reduced upon increasing pressure applied to the throttle device or upon a higher liquid flow flowing through the throttle device (34).

IPC 8 full level

B65D 47/18 (2006.01)

CPC (source: EP KR US)

B05B 11/0062 (2013.01 - US); **B05B 11/1073** (2023.01 - US); **B65D 47/0804** (2013.01 - US); **B65D 47/18** (2013.01 - EP KR US); **B65D 47/2031** (2013.01 - US)

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

DOCDB simple family (publication)

EP 3323753 A1 20180523; **EP 3323753 B1 20190807**; CN 109952256 A 20190628; CN 109952256 B 20201117; ES 2753396 T3 20200408; KR 102569657 B1 20230822; KR 20190083646 A 20190712; US 11066218 B2 20210720; US 2019308780 A1 20191010; WO 2018091376 A1 20180524

DOCDB simple family (application)

EP 16199378 A 20161117; CN 201780071303 A 20171110; EP 2017078936 W 20171110; ES 16199378 T 20161117; KR 20197010814 A 20171110; US 201716348067 A 20171110