

Title (en)
FOAM DISCHARGE DEVICE

Title (de)
SCHAUMSPENDEVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉCHARGE DE MOUSSE

Publication
EP 3444198 B1 20220720 (EN)

Application
EP 17782497 A 20170414

Priority

- JP 2016082407 A 20160415
- JP 2016082408 A 20160415
- JP 2016212205 A 20161028
- JP 2016212206 A 20161028
- JP 2017015231 W 20170414

Abstract (en)
[origin: EP3444198A1] A foam discharging device includes: a storage portion that stores a liquid agent; a foamer mechanism (21) that changes the liquid agent into foam to generate a foam body; and a discharging portion (20) that discharges the foam body. The discharging portion (20) includes a foam passing chamber (209) that allows the foam body to pass, and one or a plurality of ejection-port forming wall portions (82) that extend downward below the foam passing chamber (209), are formed into a closed-loop shape in plan view, have the inner space communicating with the foam passing chamber (209), and have the lower edge (821) having an ejection port (83) formed thereon. At least part of the ejection-port forming wall portion (82) has a bottom end portion formed into a shape that has a thickness reduced toward the lower side. The ejection-port forming wall portion (82) includes a first portion (for example, an ejection-port forming wall portion (82a)) and a second portion (for example, an ejection-port forming wall portion (82b)). The height position of a lower edge of the first portion is higher than the height position of a lower edge of the second portion.

IPC 8 full level
A47K 5/14 (2006.01); **A45D 27/02** (2006.01); **A45D 27/06** (2006.01); **A45D 44/00** (2006.01); **B05B 7/00** (2006.01); **B05B 7/04** (2006.01); **B05B 7/08** (2006.01); **B05B 11/00** (2006.01); **B65D 47/06** (2006.01)

CPC (source: EP US)
A45D 27/02 (2013.01 - EP US); **A45D 27/06** (2013.01 - EP US); **A45D 44/00** (2013.01 - EP US); **A47K 5/12** (2013.01 - US); **A47K 5/14** (2013.01 - EP US); **A47K 5/16** (2013.01 - US); **B05B 7/0037** (2013.01 - EP US); **B05B 7/0458** (2013.01 - EP US); **B05B 7/0892** (2013.01 - EP US); **B65D 47/06** (2013.01 - US); **B65D 83/00** (2013.01 - US); **A47K 5/1205** (2013.01 - US); **A47K 5/1217** (2013.01 - US); **A47K 2010/3668** (2013.01 - US); **B05B 11/1087** (2023.01 - EP US)

Cited by
EP3409618B1

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 3444198 A1 20190220; **EP 3444198 A4 20191204**; **EP 3444198 B1 20220720**; CN 109071074 A 20181221; CN 109071074 B 20200303; TW 201739512 A 20171116; TW I736609 B 20210821

DOCDB simple family (application)
EP 17782497 A 20170414; CN 201780023345 A 20170414; TW 106112655 A 20170414