

Title (en)
Discharge device

Title (de)
Austragvorrichtung

Title (fr)
Dispositif de sortie

Publication
EP 2236213 A3 20111123 (DE)

Application
EP 10003038 A 20100323

Priority
DE 102009017459 A 20090402

Abstract (en)
[origin: EP2236213A2] The device (10) has housing sections (20, 50) together forming an actuating device to perform a manual discharge actuation function. A media reservoir (60) stores liquid medium i.e. pharmaceutical medium. A conveying device includes a discharge opening (22b) and a dosage chamber (62). A volume of the chamber is reduced by a partial stroke of the discharge actuation, such that the medium is pressed out of the chamber to the opening. The reservoir is operatively coupled with the actuating device, such that the discharge actuation of the actuating device causes volume reduction of the reservoir.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP US)
B05B 11/0067 (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1004** (2023.01 - EP US); **B05B 11/107** (2023.01 - EP US)

Citation (search report)

- [XA] WO 02094708 A1 20021128 - COHEN BEN Z [US], et al
- [XA] EP 1199106 A1 20020424 - DENTACO GMBH [DE]

Cited by
EP4368227A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2236213 A2 20101006; EP 2236213 A3 20111123; EP 2236213 B1 20130501; DE 102009017459 A1 20101007;
DE 102009017459 B4 20170223; US 2010252581 A1 20101007; US 8348096 B2 20130108

DOCDB simple family (application)
EP 10003038 A 20100323; DE 102009017459 A 20090402; US 79840710 A 20100402