

Title (en)

DISCHARGE APPARATUS COMPRISING ROTATING DEVICE

Title (de)

AUSTRAGSVORRICHTUNG MIT DREHEINRICHTUNG

Title (fr)

DISPOSITIF DE DISTRIBUTION AVEC MÉCANISME DE ROTATION

Publication

EP 2227339 A1 20100915 (DE)

Application

EP 08870275 A 20081125

Priority

- CH 2008000498 W 20081125
- CH 382008 A 20080111
- CH 12452008 A 20080731

Abstract (en)

[origin: WO2009086644A1] A discharge apparatus comprising at least one container (1; 101) is provided, said container receiving a component and having an outlet (2) and a discharge element (3, 103). The discharge apparatus further comprises a rotating device, which has a drive member (4; 104) and a rotating member (5; 105), wherein upon a rotation of the rotating member relative to the drive member the drive member is moved in the axial direction and drives the discharge element in the at least one container for discharging the components. A housing element (6; 106) is provided, on or in which the at least one container (1; 101), the drive member (4; 104), and the rotating member (5; 105) are disposed, wherein at least the at least one container (1; 101) can be removed or is provided in the housing element (6; 106). The rotating device, together with the housing element, forms an accessory for the container.

IPC 8 full level

B05C 17/01 (2006.01)

CPC (source: EP US)

A61B 17/00491 (2013.01 - EP US); **A61B 17/8802** (2013.01 - EP US); **A61B 17/8822** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US);
B05C 17/0133 (2013.01 - EP US); **A61B 2017/00495** (2013.01 - EP US); **A61B 2017/8838** (2013.01 - EP US); **A61F 2002/4631** (2013.01 - EP US)

Citation (search report)

See references of WO 2009086644A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009086644 A1 20090716; CH 698343 A2 20090715; CN 101918149 A 20101215; CN 101918149 B 20130724; EP 2227339 A1 20100915;
JP 2011509177 A 20110324; US 2010282774 A1 20101111; US 8444025 B2 20130521

DOCDB simple family (application)

CH 2008000498 W 20081125; CH 12452008 A 20080731; CN 200880124476 A 20081125; EP 08870275 A 20081125;
JP 2010541668 A 20081125; US 81228508 A 20081125