

Title (en)

DISCHARGING DEVICE COMPRISING A DISCHARGE MECHANISM AND A MULTICOMPONENT SYRINGE

Title (de)

AUSTRAGVORRICHTUNG MIT EINEM AUSTRAGGERÄT UND EINER MEHRKOMPONENTENSPRITZE

Title (fr)

DISPOSITIF D'EXTRACTION PRESENTANT UN APPAREIL D'EXTRACTION ET UNE SERINGUE MULTICOMPOSANT

Publication

EP 1796849 A1 20070620 (DE)

Application

EP 05759644 A 20050719

Priority

- CH 2005000422 W 20050719
- CH 13212004 A 20040809

Abstract (en)

[origin: WO2006015506A1] Disclosed is a discharging device comprising a discharge mechanism and a multicomponent syringe. The fastening parts of the syringe are embodied such that the syringe can be inserted into a fixture on the discharge mechanism on the plane of the reservoirs thereof and perpendicular to the plane formed by the handle and the triggering lever of the discharge mechanism. The fastening means (9) on the syringe (1) and the insertion hole (19) on the fixture (18) of the discharge mechanism (1) are provided with coding elements (16, 17; 20, 21) that ensure that the syringe is inserted in only one direction, thus preventing non-certified syringes from being discharged by means of such a discharge mechanism. In a preferred embodiment, ergonomically shaped syringe flanges can optionally be used for discharging the syringe in an optimal manner by hand with the aid of a discharge mechanism.

IPC 8 full level

B05C 17/005 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B05C 17/00553 (2013.01 - EP US)

Citation (search report)

See references of WO 2006015506A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006015506 A1 20060216; AT E472379 T1 20100715; CN 100503057 C 20090624; CN 1993187 A 20070704; DE 502005009835 D1 20100812; DK 1796849 T3 20101025; EP 1796849 A1 20070620; EP 1796849 B1 20100630; ES 2347162 T3 20101026; JP 2008508999 A 20080327; JP 4916440 B2 20120411; PL 1796849 T3 20101231; SI 1796849 T1 20101130; US 2007289998 A1 20071220; US 8132694 B2 20120313

DOCDB simple family (application)

CH 2005000422 W 20050719; AT 05759644 T 20050719; CN 200580026805 A 20050719; DE 502005009835 T 20050719; DK 05759644 T 20050719; EP 05759644 A 20050719; ES 05759644 T 20050719; JP 2007525144 A 20050719; PL 05759644 T 20050719; SI 200531122 T 20050719; US 65802005 A 20050719