

Title (en)
REUSABLE SYRINGE

Title (de)
MEHRWEGSPRITZE

Title (fr)
SERINGUE RÉUTILISABLE

Publication
EP 3007750 A1 20160420 (DE)

Application
EP 14729343 A 20140611

Priority
• EP 13171882 A 20130613
• EP 2014062123 W 20140611
• EP 14729343 A 20140611

Abstract (en)
[origin: WO2014198769A1] The invention relates to a reusable syringe with a syringe body (1) for receiving an ampoule. At the front end of the syringe body (1) there is an opening (11) which defines an axis (27) along which a needle (10) can be inserted. A plurality of holding segments (7, 8, 25) are arranged around this axis (27) and engage behind a needle carrier (9) in the longitudinal direction. According to the invention, a holding segment (7) designed as a thread part is movable in the radial direction. The invention further relates to a system composed of a reusable syringe, a needle carrier, and a container for used needles. Moreover, the invention includes an associated method for connecting and releasing a needle (10) of a reusable syringe. The movable holding segment (7) facilitates the release of the threaded connection of the needle carrier (9) from the syringe body (1) and makes the reusable syringe safer to use.

IPC 8 full level
A61M 5/24 (2006.01); **A61M 5/34** (2006.01)

CPC (source: EP US)
A61M 5/24 (2013.01 - EP US); **A61M 5/344** (2013.01 - EP US); **A61M 5/347** (2013.01 - US); **A61M 5/348** (2013.01 - EP US); **A61M 2205/581** (2013.01 - EP US); **A61M 2207/00** (2013.01 - US)

Citation (search report)
See references of WO 2014198769A1

Citation (examination)
US 2011288493 A1 20111124 - HOLMQVIST ANDERS [SE]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014198769 A1 20141218; **WO 2014198769 A9 20151223**; EP 3007750 A1 20160420; US 10124123 B2 20181113; US 2016136361 A1 20160519

DOCDB simple family (application)
EP 2014062123 W 20140611; EP 14729343 A 20140611; US 20141489792 A 20140611