Title (en)

NON-REUSABLE SYRINGE.

Title (de

NICHT-WIEDERVERWENDBARE SPRITZE.

Title (fr)

SERINGUE NON REUTILISABLE.

Publication

EP 0679104 A1 19951102 (EN)

Application

EP 92917206 A 19920805

Priority

- AU 9200412 W 19920805
- AU PK758891 A 19910805

Abstract (en

[origin: WO9302727A1] A syringe device (10) which is not reusable after the first delivery stroke. The syringe has a hollow body (11) slidably containing a plunger (12) in fluid sealing relationship. The plunger (12) has a plunger rod (13) which includes a guide arrangement (17) receiving and guiding a locking member (18). The guide arrangement (17) is adapted to maintain the locking member (18) in an unengaged position relative to the body (11) when the plunger (12) is moved in the direction of a first intake stroke and in a first delivery stroke, and allows relative sliding movement and consequential pivoting movement of the locking member (18) such that, upon commencement of a second intake stroke, the locking member (18) snaggingly engages the inside surface of the body (11) to resist further movement of the plunger (12) in the intake stroke direction. Accordingly, in use, the locking member (18) interacts with the guide arrangement (17) of the plunger (12) and the inside surface of the body (11) so as to allow a first intake stroke and a delivery stroke, but to prevent a second intake stroke of the plunger (12). The syringe device (10) may also allow for aspiration testing, and may have a plunger rod (113) which has two interacting parts (113A, 113B).

IPC 1-7

A61M 5/315; A61M 5/50

IPC 8 full level

A61M 5/50 (2006.01)

CPC (source: EP)

A61M 5/50 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE

DOCDB simple family (publication)

WO 9302727 A1 19930218; EP 0679104 A1 19951102; EP 0679104 A4 19941024

DOCDB simple family (application)

AU 9200412 W 19920805; EP 92917206 A 19920805