

Title (en)
FLUID DELIVERY SYSTEM

Title (de)
FLÜSSIGKEITSAUSGABESYSTEM

Title (fr)
SYSTÈME DE DISTRIBUTION DE FLUIDE

Publication
EP 3810226 A1 20210428 (EN)

Application
EP 19734865 A 20190624

Priority
• GB 201810324 A 20180622
• GB 201812488 A 20180731
• GB 2019051783 W 20190624

Abstract (en)
[origin: GB2575127A] A fluid delivery system 100 comprising a syringe 110 and a valve 120. Syringe 110 comprises an aspiration barrel 104 and an injection barrel 105. Valve 120 controls fluid flow between the syringe 110 and a fluid delivery lumen 130 for aspiration and injection of a target site. Valve 120 is operable in a reverse and forward position, such that: in the reverse position the valve 120 enables fluid to flow from the fluid delivery lumen 130 to the aspiration barrel 104; and in the forward position the valve 120 enables fluid to flow from the injection barrel 105 to the fluid delivery lumen 130. Valve 120 may be operable in a neutral position, where the valve 120 prevents fluid flow between the syringe 110 and the fluid delivery lumen 130. Syringe 110 may comprise a biasing means 109, possibly a spring, to pressurise fluid in the injection barrel 105, where biasing means 109 may provide an injection fluid pressure that does not exceed one of 30 psi (206.8kpa), 20 psi (137.9kpa), 15 psi (103.4kpa) or 10 psi (68.9kpa). Described as being for use by anaesthetists seeking a suitable target to inject a local anaesthetic into a subject.

IPC 8 full level
A61M 5/168 (2006.01); **A61M 39/22** (2006.01)

CPC (source: EP GB)
A61B 10/0045 (2013.01 - GB); **A61M 5/16813** (2013.01 - EP); **A61M 5/19** (2013.01 - EP GB); **A61M 5/34** (2013.01 - EP);
A61M 39/22 (2013.01 - EP); **A61M 39/223** (2013.01 - EP GB); **A61M 2005/3128** (2013.01 - EP)

Citation (search report)
See references of WO 2019243853A1

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)
GB 201812488 D0 20180912; **GB 2575127 A 20200101**; **GB 2575127 B 20211103**; EP 3810226 A1 20210428; GB 201810324 D0 20180808;
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