

Title (en)

MULTICHANNEL SYRINGE FOR USE WITH A METERING DEVICE

Title (de)

MEHRKANALSPRITZE FÜR DEN GEBRAUCH MIT EINER DOSIERVORRICHTUNG

Title (fr)

SERINGUE À CANAUX MULTIPLES À UTILISER AVEC UN DISPOSITIF DE DOSAGE

Publication

**EP 3472575 A1 20190424 (DE)**

Application

**EP 17731583 A 20170621**

Priority

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Abstract (en)

[origin: WO2017220673A1] The invention relates to a multichannel syringe for use with a metering device for metering liquids in a laboratory with a first holding device for a barrel holding device of a syringe barrel and an axially movable second holding device for a plunger holding device of a syringe plunger, comprising a single-part plunger unit made of plastic, said plunger unit having a drive rod comprising the plunger holding device on the upper end, a cross member which is oriented perpendicularly to the drive rod on the lower end of the drive rod, and multiple syringe plungers which protrude downwards from the cross member and which are parallel to the drive rod; a single-part barrel unit made of plastic, said barrel unit comprising a support and at least one row of syringe barrels which are arranged adjacently in a parallel manner, which protrude downwards from the support, and each of which has lower syringe openings, upper syringe openings, and a running region in the interior for one syringe plunger of the plunger unit. Each syringe plunger engages into a syringe barrel through an upper syringe opening and is sealingly guided in the running region, and the barrel holding device is arranged above the syringe barrel and is connected to the support.

IPC 8 full level

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