

Title (en)

MULTI-CHANNEL PIPETTING SYSTEM OF IMPROVED DESIGN

Title (fr)

SYSTEME DE PIPETAGE MULTICANAUX A CONCEPTION AMELIOREE

Publication

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Application

**EP 21732374 A 20210325**

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Abstract (en)

[origin: WO2021198593A1] The invention relates to a device for a multi-channel pipetting system, comprising a piston holder (34), a guide rod (38) of the piston holder, which guide rod (38) is mounted slidably in a guide member (40), a plurality of pistons (20a, 20b) having a bottom end housed slidably in a suction chamber, and a piston head (56) mounted on the piston holder by way of a mechanical connection (62). According to the invention, the mechanical connection (62) comprises two contact points (64a, 64b) which conjointly define a piston-head rotation axis (66) oriented orthogonally with respect to the transverse direction (10) and to the longitudinal central axis (14) of the pipetting system, and the device additionally comprises, associated with the piston (20a, 20b), elastic return means (68) which force the piston head (56) upward against the piston holder (34), so as to establish the two contact points (64a, 64b).

IPC 8 full level

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