

Title (en)

MULTI-CHAMBER PUMP APPARATUS, SYSTEMS, AND METHODS

Title (de)

MEHRKAMMERPUMPVORRICHTUNG, -SYSTEME UND -VERFAHREN

Title (fr)

APPAREIL DE POMPE À CHAMBRES MULTIPLES, SYSTÈMES ET PROCÉDÉS

Publication

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Application

EP 13782364 A 20130419

Priority

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Abstract (en)

[origin: WO2013163033A1] Disclosed are apparatus adapted to dispense and/or aspirate liquids, such as in a clinical analyzer. In one aspect, a multi-chamber pump apparatus is disclosed that has a pump body containing first and second chambers, a piston having a first piston portion of a first pump area A1 received in the first chamber, and a second piston portion of a second pumping area A2 received in the second chamber, and an actuator coupled to the piston. The first and second chambers can be selectively accessed to improve metering accuracy at dissimilar flow volumes from the chambers. Methods and systems including the multi-chamber pump apparatus are provided, as are other aspects.

IPC 8 full level

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Citation (search report)

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