

Title (en)  
PIPETTING METHOD WITH THROTTLE POSITION IN THE PIPETTE CHANNEL

Title (de)  
PIPETTIERVERFAHREN MIT DROSSELSTELLE IM PIPETTIERKANAL

Title (fr)  
METHODE DE PIPETAGE POURVU DE POINT D'ÉTRANGLEMENT DANS LE CANAL DE PIPETAGE

Publication  
**EP 3663001 B1 20221019 (DE)**

Application  
**EP 20152812 A 20110706**

Priority  
• DE 102010038414 A 20100726  
• EP 11172869 A 20110706

Abstract (en)  
[origin: EP2412439A1] The device (10) has a pipette duct (12) whose throttle point (42) is arranged fluid-mechanically between a metering liquid receptacle (38) and a pressure change device (40). The point is being dimensioned in such a way that ratio of flow resistance (R1) of a pipette opening (36) for dispensed metering liquid to flow resistance (R2) of the throttle point for working fluid is less than 0.5. Flow resistances of respective tapering of cross-section of flow are being calculated under consideration of product of viscosity of the working fluid and the metering liquid.

IPC 8 full level  
**B01L 3/02** (2006.01)

CPC (source: EP US)  
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