

Title (en)  
Plunger pump pipette

Title (de)  
Kolbenhubpipette

Title (fr)  
Pipette à piston

Publication  
**EP 0649678 B1 20010613 (DE)**

Application  
**EP 94115063 A 19940923**

Priority  
DE 4335863 A 19931021

Abstract (en)  
[origin: US5531131A] A plunger lift pipet for a slip-on pipet tip which includes adjusting mechanism for changing the travel of the plunger, display mechanism for the liquid volume pipetted each time, disengageable coupling mechanism between the adjusting mechanism and the display mechanism for changing a pipet correction factor determining the relation between the travel of the plunger and the indicated liquid volume, the coupling mechanism positively connecting to each other the adjusting mechanism and the display mechanism and switching mechanism for completely disengaging the coupling mechanism and changing the pipet correction factor by setting the adjustment mechanism being provided.

IPC 1-7  
**B01L 3/02**

IPC 8 full level  
**G01N 1/00** (2006.01); **B01L 3/02** (2006.01); **G01F 13/00** (2006.01)

CPC (source: EP US)  
**B01L 3/0224** (2013.01 - EP US); **B01L 2300/026** (2013.01 - EP US)

Cited by  
EP1708814A4; EP1514600A1; DE102021117128B4; DE102021112246A1; DE102020002780B3; EP3915682A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**US 5531131 A 19960702**; AT E202011 T1 20010615; DE 4335863 C1 19950202; DE 59409783 D1 20010719; EP 0649678 A1 19950426; EP 0649678 B1 20010613; ES 2157940 T3 20010901; JP 2709573 B2 19980204; JP H07185361 A 19950725

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**US 32699994 A 19941021**; AT 94115063 T 19940923; DE 4335863 A 19931021; DE 59409783 T 19940923; EP 94115063 A 19940923; ES 94115063 T 19940923; JP 27986694 A 19941018