

Title (en)
PIPETTE WITH IMPROVED PIPETTE TIP AND MOUNTING SHAFT COMBINATION

Title (de)
PIPETTE MIT VERBESSERTER PIPETTENSCHNITZUNG UND VERBESSERTEM MONTAGE-ACHSEN-SYSTEM

Title (fr)
PIPETTE A POINTE ET ENSEMBLE AXE DE MONTAGE AMELIORES

Publication
EP 1135210 B1 20100721 (EN)

Application
EP 99971738 A 19991105

Priority
• US 9926210 W 19991105
• US 18803298 A 19981106
• US 23419599 A 19990120

Abstract (en)
[origin: WO0027528A1] An air displacement pipette (10) having axially spaced annular sealing and frusto-conical lateral support zones (36, 38) and regions (46, 48) on the pipette's mounting shaft (32) and tip (40), respectively, in combination with means (52) for insuring uniform depth of mounting shaft penetration into the pipette tip to maintain uniform tip interference with the mounting shaft as successive tips are mounted on and ejected from the mounting shaft whereby the pipette tip is easily and firmly mountable on and ejectable from the pipette tip mounting shaft by the application of reduced user generated axial forces.

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP)
B01L 3/0279 (2013.01); **B01L 2200/0689** (2013.01); **B01L 2300/123** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0027528 A1 20000518; BR 9915086 A 20010717; CN 1146473 C 20040421; CN 1348397 A 20020508; EP 1135210 A1 20010926; EP 1135210 A4 20061102; EP 1135210 B1 20100721; PL 192753 B1 20061229; PL 366207 A1 20050124; TW 431912 B 20010501

DOCDB simple family (application)
US 9926210 W 19991105; BR 9915086 A 19991105; CN 99814335 A 19991105; EP 99971738 A 19991105; PL 36620799 A 19991105; TW 88119446 A 20000301