Title (en)

PIPETTE WITH IMPROVED PIPETTE TIP AND MOUNTING SHAFT

Title (de)

PIPETTE MIT VERBESSERTER PIPETTENSPITZE UND VERBESSERTER MONTAGE-ACHSE

Title (fr)

PIPETTE AVEC POINTE ET AXE DE MONTAGE AMELIORES

Publication

EP 1126916 A4 20051207 (EN)

Application

EP 99958813 A 19991105

Priority

- US 9926251 W 19991105
- US 18803198 A 19981106
- US 23419799 A 19990120

Abstract (en)

[origin: WO0027529A1] An air displacement pipette (10) having axially spaced annular sealing and substantially cylindrical lateral support zones (36, 38) and regions (46, 48) on the pipette's mounting shaft and tip, 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 easily ejectable from the pipette tip mounting shaft by the application of axial mounting and ejection forces of about two pounds and one pound, respectively.

IPC 1-7

B01L 3/02

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP)

B01L 3/0275 (2013.01)

Citation (search report)

- [X] EP 0148333 A1 19850717 - CETUS CORP [US]
- [X] US 4824641 A 19890425 - WILLIAMS FRED G [US]
- See references of WO 0027529A1

Cited by

EP3578263A1; EP3578263B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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WO 0027529 A1 20000518; AT E382427 T1 20080115; BR 9915136 A 20010807; CN 1179793 C 20041215; CN 1330573 A 20020109; DE 99958813 T1 20060209; EP 1126916 A1 20010829; EP 1126916 A4 20051207; EP 1126916 B1 20080102; PL 195725 B1 20071031; PL 347551 A1 20020408; TW 431911 B 20010501

DOCDB simple family (application)

US 9926251 W 19991105; AT 99958813 T 19991105; BR 9915136 A 19991105; CN 99814322 A 19991105; DE 99958813 T 19991105; EP 99958813 A 19991105; PL 34755199 A 19991105; TW 88119445 A 19991105