

Title (en)
ELECTRONICALLY MONITORED MECHANICAL PIPETTE

Title (de)
ELEKTRONISCH ÜBERWACHTE MECHANISCHE PIPETTE

Title (fr)
PIPETTE MECANIQUE CONTROLEE ELECTRONIQUEMENT

Publication
EP 0923720 A4 19991222 (EN)

Application
EP 97940924 A 19970909

Priority

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- US 2569496 P 19960909
- US 2472496 P 19960909
- US 2685396 P 19960910
- US 2587196 P 19960909

Abstract (en)
[origin: WO9810265A1] The pipette (10) of the present invention includes a housing (12) having a first generally cylindrical bore (14) passing longitudinally therethrough which contains a transducer assembly (20) centrally located therein, a microswitch assembly (50) positioned at the proximal end thereof and a barrel assembly (30) attached to the distal end thereof to extend outwardly in the distal longitudinal direction. The housing (12) also includes a smaller longitudinal bore (16) containing an ejector rod (18), held in its proximal most position by ejector spring (22) and prevented from escaping the smaller bore (16) by O-ring (24). An electronic assembly (40) is attached to the proximal end of the housing (12) and extends away from the housing (12) in a generally perpendicular direction.

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G01N 1/14

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP)
B01L 3/0224 (2013.01); **B01L 2300/027** (2013.01)

Citation (search report)

- [XAY] WO 8700085 A1 19870115 - LABSYSTEMS OY [FI]
- [YA] EP 0070571 A2 19830126 - SCIENT MFG IND [US]
- [YA] US 5021217 A 19910604 - OSHIKUBO YUJU [JP]
- [DA] US 4567780 A 19860204 - OPPENLANDER JON E [US], et al
- See references of WO 9810265A1

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WO 9810265 A1 19980312; AU 4259597 A 19980326; AU 733643 B2 20010517; EP 0923720 A1 19990623; EP 0923720 A4 19991222

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