

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 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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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)  

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- [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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