

Title (en)

Pipette tip ejection arrangement

Title (de)

Pipettenspitzenabwurfteinrichtung

Title (fr)

Mechanique d'éjection d'embouts de pipette

Publication

EP 0992288 B1 20070307 (DE)

Application

EP 99114892 A 19990730

Priority

DE 19845950 A 19981006

Abstract (en)

[origin: DE19845950C1] The pipette unit has an ejection mechanism to detach the pipette tip from its mounting with an axial movement. The ejection system (10,11) and the ejection unit (13) have end sections which grip over each other. The pulling drive (12') has a deflection roller (28) at an end section of the ejection unit (13), with one end in a fixed position in relation to the pipette tip mounting and the other end at the ejection drive (10).

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP US)

B01L 3/0279 (2013.01 - EP US)

Cited by

EP2263800A2; DE102004003433B4; DE10355914B3; DE102004003434B4; CN103447105A; US7320260B2; US7434484B2; EP2210667A1; EP3680017A1; US11554367B2; EP3680016A1; US11426720B2

Designated contracting state (EPC)

CH DE FI FR GB LI

DOCDB simple family (publication)

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DE 19845950 A 19981006; DE 59914234 T 19990730; EP 99114892 A 19990730; JP 23772199 A 19990825; US 37669099 A 19990818