

Title (en)
Disposable pipette tip.

Title (de)
Einmalig verwendbare Pipettenspitze.

Title (fr)
Embout à usage unique pour pipette.

Publication
EP 0148333 A1 19850717 (EN)

Application
EP 84112251 A 19841011

Priority
US 54167883 A 19831013

Abstract (en)
A disposable pipette tip (10) is formed for automatic installation and removal with low friction between the tip and pipette body (16) and a predetermined distance from the pipette body end (19) and the tip intake/discharge opening (12). The tip has a conical section (11) whose small end defines the tip intake/discharge opening and a cylindrical collar (14) that receives the pipette body. The tip is formed with an internal pipette seat (17) at the junction of the conical section and cylindrical collar so that the distance between the tip inlet/discharge opening and the pipette body end is fixed. The cylindrical collar also has a circumferential sealing rib (30) axially spaced from the pipette seat to form an air seal to account for manufacturing tolerances in the tip's cylindrical portion as to both diameter and roundness while taining low friction for installation and removal.

IPC 1-7
B01L 3/02

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP)
B01L 3/0279 (2013.01)

Citation (search report)

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