

Title (en)
PIPETTE TIP ADAPTER ASSEMBLY

Title (de)
PIPETTENSPITZEN-ADAPTER-BAUGRUPPE

Title (fr)
ENSEMBLE ADAPTATEUR POUR EMBOUT DE PIPETTE

Publication
EP 3682969 A1 20200722 (EN)

Application
EP 20159231 A 20120709

Priority

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- EP 18184263 A 20120709
- EP 12740432 A 20120709
- US 2012045925 W 20120709

Abstract (en)
An adapter for connecting an array of pipette tips having through bores with conical upper ends to a multichannel air displacement pipettor having a plurality of ports with compliant internal sealing surfaces. The adapter comprises a planar base with an array of openings extending between its top and bottom surfaces. Sealing tubes project upwardly from the top surface, and tip mounting tubes project downwardly from the bottom surface, with pairs of sealing tubes and tip mounting tubes being arranged coaxially and in communication with respective ones of the openings in the base. The tip mounting tubes are externally dimensioned and configured for insertion into the conical upper ends of the pipette tips, and the sealing tubes are externally configured and dimensioned for insertion into the ports of the pipettor and into sealing interengagement with their compliant internal sealing surfaces.

IPC 8 full level
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Citation (search report)

- [A] US 2002086440 A1 20020704 - LEHTINEN KAUKO [FI], et al
- [A] US 4237095 A 19801202 - SUOVANIEMI OSMO A, et al
- [A] US 2004071602 A1 20040415 - YIU FELIX H [US]

Designated contracting state (EPC)
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WO 2013012588 A1 20130124; EP 2734301 A1 20140528; EP 2734301 B1 20190220; EP 3412362 A1 20181212; EP 3412362 B1 20200401; EP 3682969 A1 20200722; EP 3682969 B1 20220323; US 2018117584 A1 20180503

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US 2012045925 W 20120709; EP 12740432 A 20120709; EP 18184263 A 20120709; EP 20159231 A 20120709; US 201214131278 A 20120709