

Title (en)
PIPETTE FOR USE WITH A PIPETTE TIP

Title (de)
PIPETTE FÜR DEN GEBRAUCH MIT EINER PIPETTENSPIITZE

Title (fr)
PIPETTE DESTINÉE À UNE UTILISATION AVEC UNE POINTE DE PIPETTE

Publication
EP 3680017 B1 20210721 (DE)

Application
EP 19150847 A 20190108

Priority
EP 19150847 A 20190108

Abstract (en)
[origin: US2020215528A1] A pipette for use with a pipette tip includes a housing, a pin on the bottom end of the housing holding a pipette tip having first means for form-fit connection and a second means for form-fit connection which can be shoved onto the pin, constricting the pin, and/or expanding the tip before form-fit connection with the pin, a drive apparatus, at least one locking sleeve arranged concentric to the pin which is guided toward the pin in the housing, wherein the locking sleeve has a locked position having a pin in the inside constricted by shoving on a pipette tip, and/or is bordered on the outside by a tip shoved onto the pin, preventing a release from the pin, and the locking sleeve is upwardly displaceable out of the locked position so that the pin, and/or the tip is released, and the tip is removable from the pin.

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: CN EP US)
B01L 3/02 (2013.01 - CN); **B01L 3/0227** (2013.01 - US); **B01L 3/0279** (2013.01 - EP); **B01L 9/547** (2013.01 - US); **B01L 3/0217** (2013.01 - EP); **B01L 3/0286** (2013.01 - EP); **B01L 2300/0609** (2013.01 - US); **B01L 2300/0832** (2013.01 - US); **B01L 2400/0478** (2013.01 - US)

Cited by
EP4134166A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3680017 A1 20200715; **EP 3680017 B1 20210721**; CN 111408422 A 20200714; CN 111408422 B 20230207; JP 2020110794 A 20200727; JP 7483379 B2 20240515; PL 3680017 T3 20220207; US 11554367 B2 20230117; US 2020215528 A1 20200709

DOCDB simple family (application)
EP 19150847 A 20190108; CN 202010017287 A 20200108; JP 2020001047 A 20200107; PL 19150847 T 20190108; US 202016735066 A 20200106