

Title (en)  
PIPETTE TIP

Title (de)  
PIPETTENSPIITZE

Title (fr)  
EMBOUT DE PIPETTE

Publication  
**EP 3694647 A1 20200819 (DE)**

Application  
**EP 19705205 A 20190221**

Priority  
• EP 18175333 A 20180531  
• EP 2019054353 W 20190221

Abstract (en)  
[origin: WO2019228682A1] Pipette tip made of plastic, having an elongate tubular body with a lower opening at the lower end for the passage of liquid and with an upper opening at the upper end for clamping onto a base of a pipetting device, wherein a seat region for the base is present on the inner circumference next to the upper opening, and at least one groove extending in the axial direction is present on the outer circumference, and the tubular body is designed such that, when the pipette tip is plugged with the seat region (15) onto a base, with a plug-on force of at most 5 N, preferably of 3.3 N, more preferably of 3 N, said tubular body is plastically expanded in the circumferential direction inside the groove.

IPC 8 full level  
**B01L 3/02** (2006.01)

CPC (source: EP US)  
**B01L 3/0279** (2013.01 - EP US); **B01L 2200/0689** (2013.01 - EP US); **B01L 2300/0858** (2013.01 - EP US)

Citation (search report)  
See references of WO 2019228682A1

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

Designated extension state (EPC)  
BA ME

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**EP 3575000 A1 20191204**; CN 112512692 A 20210316; CN 112512692 B 20221028; EP 3694647 A1 20200819; JP 2021531156 A 20211118; JP 7189968 B2 20221214; US 2021213441 A1 20210715; WO 2019228682 A1 20191205

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**EP 18175333 A 20180531**; CN 201980036758 A 20190221; EP 19705205 A 20190221; EP 2019054353 W 20190221; JP 2020565942 A 20190221; US 201917058923 A 20190221