

Title (en)  
APPLICATOR

Title (de)  
APPLIKATOR

Title (fr)  
APPLICATEUR

Publication  
**EP 3911402 A1 20211124 (DE)**

Application  
**EP 19813260 A 20191126**

Priority  
• DE 102019200557 A 20190117  
• EP 2019082533 W 20191126

Abstract (en)  
[origin: WO2020148008A1] The invention relates to an applicator (100) for the application of a microarray (22). The applicator (100) comprises a housing (104) and a plunger-type element (102) that can move within said housing (104) to accelerate the microarray (22). The applicator (100) additionally comprises a target force trigger (110), and said target force trigger (110) secures the plunger-type element (102) in relation to the housing (104) and releases the movement thereof when the target force is applied. The invention also relates to an application system (1000) for application of a microarray (22), comprising such an applicator (100) and a microarray (22) or a microarray receiving portion (10), preferably connected to a microarray receiving portion cluster (60), having a microarray (22). The microarray (22) or the microarray receiving portion (10) are arranged relative to the applicator (100) and/or connected to the applicator (100) such that the plunger-type element (102) is able to apply the microarray (22).

IPC 8 full level  
**A61M 37/00** (2006.01)

CPC (source: EP US)  
**A61M 37/0015** (2013.01 - EP US); **A61M 2037/0023** (2013.01 - EP US); **A61M 2037/0061** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2020148008 A1 20200723**; BR 112021012476 A2 20210908; CA 3125799 A1 20200723; CN 113316468 A 20210827; CN 113316468 B 20240130; DE 102019200557 A1 20200723; EP 3911402 A1 20211124; JP 2022517651 A 20220309; JP 7556863 B2 20240926; US 2022072290 A1 20220310

DOCDB simple family (application)  
**EP 2019082533 W 20191126**; BR 112021012476 A 20191126; CA 3125799 A 20191126; CN 201980089080 A 20191126; DE 102019200557 A 20190117; EP 19813260 A 20191126; JP 2021541516 A 20191126; US 201917423408 A 20191126