

Title (en)  
AUTOINJECTOR WITH AN ELECTRONICS MODULE

Title (de)  
AUTOINJEKTOR MIT EINEM ELEKTRONIKMODUL

Title (fr)  
AUTO-INJECTEUR POURVU D'UN MODULE ÉLECTRONIQUE

Publication  
**EP 4363009 A1 20240508 (DE)**

Application  
**EP 22743784 A 20220630**

Priority  
• CH 700012021 A 20210630  
• EP 2022068113 W 20220630

Abstract (en)  
[origin: WO2023275273A1] An autoinjector for discharging a liquid product, in particular medicament, comprises: an electronics module with a sensor designed for measurement of the axial movement of a signal element (11) from a position at the start of the discharge, the signal element (11) being carried along in the direction of discharge, to a position at the end of the discharge in which the signal element (11) abuts a signal stop (12a).

IPC 8 full level  
**A61M 5/20** (2006.01)

CPC (source: CH EP US)  
**A61M 5/2033** (2013.01 - CH EP US); **A61M 5/3157** (2013.01 - CH EP US); **A61M 5/3202** (2013.01 - EP); **A61M 5/3213** (2013.01 - US); **A61M 2005/2013** (2013.01 - EP); **A61M 2005/3267** (2013.01 - EP); **A61M 2205/33** (2013.01 - EP); **A61M 2205/50** (2013.01 - US); **A61M 2205/58** (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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**CH 717352 A2 20211029**; CN 117897190 A 20240416; EP 4363009 A1 20240508; US 2024123150 A1 20240418; WO 2023275273 A1 20230105

DOCDB simple family (application)  
**CH 700012021 A 20210630**; CN 202280058846 A 20220630; EP 2022068113 W 20220630; EP 22743784 A 20220630; US 202318396968 A 20231227