

Title (en)  
DEVICE AND METHOD FOR PHOTOMETRIC MASS MEASUREMENT

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR PHOTOMETRISCHEN MASSENBESTIMMUNG

Title (fr)  
DISPOSITIF ET MÉTHODE DE MESURE PHOTOMÉTRIQUE EN MASSE

Publication  
**EP 4288762 A1 20231213 (DE)**

Application  
**EP 22713512 A 20220204**

Priority  

- DE 102021102634 A 20210204
- DE 102021127117 A 20211019
- EP 2022052752 W 20220204

Abstract (en)  
[origin: WO2022167601A1] A device for photometric mass measurement, which has at least one laser source and an optical measuring unit. At least one laser source is directed onto the object to be examined, in particular individual biomolecules or viruses, and the optical measuring unit detects light scattered on the object to be examined, the laser beam comprising squeezed light.

IPC 8 full level  
**G01N 21/45** (2006.01); **G01N 21/47** (2006.01); **G01N 21/51** (2006.01)

CPC (source: EP)  
**G01N 21/45** (2013.01); **G01N 21/4788** (2013.01); **G01N 21/51** (2013.01); **G01N 2021/4707** (2013.01)

Citation (search report)  
See references of WO 2022167601A1

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)  
**WO 2022167601 A1 20220811**; EP 4288762 A1 20231213

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**EP 2022052752 W 20220204**; EP 22713512 A 20220204