

Title (en)  
UNIVERSAL LIQUID SAMPLE DEVICE AND PROCESS FOR HIGH RESOLUTION TRANSMISSION ELECTRON MICROSCOPE IMAGING AND MULTIMODAL ANALYSES OF LIQUID SAMPLE MATERIALS

Title (de)  
UNIVERSELLE FLÜSSIGKEITSPROBENVORRICHTUNG UND VERFAHREN ZUR HOCHAUFLÖSENDEN TRANSMISSIONSELEKTRONENMIKROSKOPBILDGEBUNG UND MULTIMODALE ANALYSEN VON FLÜSSIGEN PROBENMATERIALIEN

Title (fr)  
DISPOSITIF D'ÉCHANTILLON LIQUIDE UNIVERSEL ET PROCÉDÉ D'IMAGERIE DE MICROSCOPE ÉLECTRONIQUE EN TRANSMISSION À HAUTE RÉOLUTION ET ANALYSES MULTIMODALES DE MATÉRIAUX D'ÉCHANTILLON LIQUIDE

Publication  
**EP 3610248 A1 20200219 (EN)**

Application  
**EP 18735431 A 20180409**

Priority  
• US 201715483939 A 20170410  
• US 2018026708 W 20180409

Abstract (en)  
[origin: WO2018191167A1] Liquid sample imaging devices and processes are disclosed for high resolution TEM imaging and multimodal analyses of liquid sample materials in situ under high vacuum that are compatible with standard type TEM chip membranes and TEM sample holders allowing TEM liquid sample imaging to be performed wherever a TEM instrument is accessible and at a substantially reduced cost compared to prior art systems and approaches.

IPC 8 full level  
**G01N 23/2204** (2018.01); **H01J 37/20** (2006.01)

CPC (source: EP)  
**G01N 23/2204** (2013.01); **H01J 37/20** (2013.01); **H01J 2237/2065** (2013.01); **H01J 2237/26** (2013.01)

Citation (search report)  
See references of WO 2018191167A1

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 2018191167 A1 20181018**; EP 3610248 A1 20200219

DOCDB simple family (application)  
**US 2018026708 W 20180409**; EP 18735431 A 20180409