

Title (en)

PARAFFIN SHIELD COATING FOR MICROSCOPE SLIDE

Title (de)

PARAFFINSCHILDBESCHICHTUNG FÜR MIKROSKOPOBJEKTTRÄGER

Title (fr)

REVÊTEMENT DE PROTECTION EN PARAFFINE DE LAME DE MICROSCOPE

Publication

**EP 3639078 A1 20200422 (EN)**

Application

**EP 18817800 A 20180615**

Priority

- US 201762520169 P 20170615
- US 201762520319 P 20170615
- CN 2018091383 W 20180615

Abstract (en)

[origin: WO2018228508A1] A shield coating on a microscope slide is provided. Particularly, the selective application of a paraffin layer to shield biomaterials and inorganic chemical deposits from microbial attack and oxidation is provided. More particularly, the application of a paraffin layer on a microscope slide as an exposure shield over deposited biomaterial reactive targets is also provided. The paraffin shield layer blocks the biomaterial and chemical targets from exposure, which may lead to degradation due to oxidation and provides resistance to fungal growth, while using the existing stain processing steps to remove the paraffin from the shield and co-resident tissue section.

IPC 8 full level

**G02B 21/34** (2006.01); **C12M 1/00** (2006.01); **G02B 21/00** (2006.01)

CPC (source: EP KR)

**G01N 33/543** (2013.01 - EP); **G02B 1/14** (2015.01 - EP KR); **G02B 21/34** (2013.01 - EP KR)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018228508 A1 20181220**; CN 110741301 A 20200131; CN 110741301 B 20211105; EP 3639078 A1 20200422; EP 3639078 A4 20210331; JP 2020523613 A 20200806; JP 7284160 B2 20230530; KR 102368836 B1 20220228; KR 20200036849 A 20200407

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**CN 2018091383 W 20180615**; CN 201880039119 A 20180615; EP 18817800 A 20180615; JP 2020519171 A 20180615; KR 20207001289 A 20180615