

Title (en)
SUBSTRATE FOR LIQUID DROPLETS

Title (de)
TRÄGER FÜR FLÜSSIGKEITSTROPFEN

Title (fr)
SUBSTRAT POUR GOUTTELETTES LIQUIDES

Publication
EP 4077232 A1 20221026 (DE)

Application
EP 20839261 A 20201216

Priority
• DE 102019219913 A 20191217
• EP 2020086577 W 20201216

Abstract (en)
[origin: WO2021122847A1] The invention relates to a substrate in the form of a glass plate in which recesses are formed which extend through the entire thickness of the substrate and of which the cross-sections at opposite ends are open in the plane of the mutually opposing surfaces of the glass plate. The recesses therefore form through holes through the glass plate and have an internal diameter from 5 to 1000 µm.

IPC 8 full level
C03C 15/00 (2006.01); **C03C 17/30** (2006.01); **C03C 23/00** (2006.01); **C12M 1/32** (2006.01)

CPC (source: EP)
C03C 15/00 (2013.01); **C03C 17/30** (2013.01); **C03C 23/0025** (2013.01); **C03C 2217/76** (2013.01); **C03C 2218/119** (2013.01)

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)
DE 102019219913 A1 20210617; CN 114829315 A 20220729; CN 114829315 B 20240426; EP 4077232 A1 20221026; JP 2023506307 A 20230215; JP 7423783 B2 20240129; US 2024254036 A1 20240801; WO 2021122847 A1 20210624

DOCDB simple family (application)
DE 102019219913 A 20191217; CN 202080084823 A 20201216; EP 2020086577 W 20201216; EP 20839261 A 20201216; JP 2022537163 A 20201216; US 202017784977 A 20201216