

Title (en)
IMPROVED MICROFLUIDIC DEVICES AND METHODS TO OBTAIN THEM

Title (de)
VERBESSERTE MIKROFLUIDISCHE VORRICHTUNGEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
DISPOSITIFS MICROFLUIDIQUES AMÉLIORÉS ET LEURS PROCÉDÉS D'OBTENTION

Publication
EP 3589405 A1 20200108 (EN)

Application
EP 18707718 A 20180301

Priority
• EP 17159079 A 20170303
• EP 2018055055 W 20180301

Abstract (en)
[origin: EP3369483A1] A polymeric device, in particular microfluidic device (100), cell culture system or membrane comprising a system (20) of microchannels (25), wells and/or pores, in a polymeric device (10), wherein at least a part of the surface area of the microchannels (25) is formed by an absorption barrier layer system, wherein the absorption barrier layer system comprises at least one polymeric interface layer (40) and at least one barrier coating layer (50).

IPC 8 full level
B01L 3/00 (2006.01); **B32B 7/02** (2019.01); **B32B 27/28** (2006.01); **B41J 2/16** (2006.01); **B81C 1/00** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP)
B01L 3/502707 (2013.01); **B32B 27/283** (2013.01); **B81C 1/00206** (2013.01); **B01L 2200/0689** (2013.01); **B01L 2300/069** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0887** (2013.01); **B81B 2201/058** (2013.01)

Citation (search report)
See references of WO 2018158372A1

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)
EP 3369483 A1 20180905; EP 3589405 A1 20200108; WO 2018158372 A1 20180907

DOCDB simple family (application)
EP 17159079 A 20170303; EP 18707718 A 20180301; EP 2018055055 W 20180301