

Title (en)

BIOSENSOR AND METHOD FOR DETECTING GERMS

Title (de)

BIOSENSOR UND VERFAHREN ZUM NACHWEIS VON KEIMEN

Title (fr)

BIOCAPTEUR ET PROCÉDÉ DE DÉTECTION DE GERMES

Publication

EP 3353549 A1 20180801 (DE)

Application

EP 16767176 A 20160907

Priority

- DE 102015218442 A 20150925
- EP 2016071040 W 20160907

Abstract (en)

[origin: WO2017050571A1] The invention relates to a biosensor for the immunological detection of germs (50). The biosensor is designed in the form of a lateral flow test strip (10), wherein the lateral flow test strip (10) has germ-specific antibodies (40). The mobility properties of the antibodies (40) change when the antibodies (40) complex with the germ (50) to be detected, wherein this change in the mobility properties is used to detect the germs (50).

IPC 8 full level

G01N 33/558 (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)

G01N 33/54388 (2021.08 - US); **G01N 33/558** (2013.01 - EP); **G01N 33/569** (2013.01 - EP)

Citation (search report)

See references of WO 2017050571A1

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 2017050571 A1 20170330; CN 108027370 A 20180511; DE 102015218442 A1 20170330; EP 3353549 A1 20180801;
JP 2018533002 A 20181108

DOCDB simple family (application)

EP 2016071040 W 20160907; CN 201680055997 A 20160907; DE 102015218442 A 20150925; EP 16767176 A 20160907;
JP 2018515449 A 20160907