

Title (en)

PLATFORM FOR EARLY DETECTION OF PATHOGEN INFECTION

Title (de)

PLATTFORM ZUR FRÜHERKENNUNG VON PATHOGENINFEKTION

Title (fr)

PLATE-FORME DE DÉTECTION PRÉCOCE D'UNE INFECTION À PATHOGÈNES

Publication

EP 3737944 A1 20201118 (EN)

Application

EP 19705839 A 20190109

Priority

- US 201862615199 P 20180109
- US 2019012835 W 20190109

Abstract (en)

[origin: WO2019139942A1] A method for identifying an interaction between a pathogen and a biological agent includes providing a platform for supporting cell growth, seeding different interaction sites on the platform with different biological agents, perfusing the platform with a fluid that carries substances for promoting growth and maintenance of the cells, exposing all of the interaction sites to a solution containing viruses, and detecting evidence indicative of the interaction, the evidence comprising evidence indicative of a change in structure or composition of a medium at the interaction site. The biological agent includes cells alone or cells with another substance.

IPC 8 full level

G01N 33/50 (2006.01); **B01J 19/00** (2006.01); **C12Q 1/18** (2006.01)

CPC (source: EP)

C12M 1/00 (2013.01); **C12Q 1/18** (2013.01); **G01N 33/5014** (2013.01); **G01N 33/5038** (2013.01); **G01N 2500/10** (2013.01)

Citation (search report)

See references of WO 2019139942A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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