Title (en)

SIMPLE SUGAR CONCENTRATION SENSOR AND METHOD

Title (de)

EINFACHER ZUCKERKONZENTRATIONSSENSOR UND VERFAHREN

Title (fr)

CAPTEUR DE CONCENTRATION DE SUCRE SIMPLE ET PROCÉDÉ

Publication

EP 3615918 A1 20200304 (EN)

Application

EP 18790485 A 20180424

Priority

- US 201715582264 A 20170428
- US 2018029138 W 20180424

Abstract (en)

[origin: WO2018200524A1] A glucose sensor comprising an optical energy source having an emitter with an emission pattern; a first polarizer intersecting the emission pattern; a second polarizer spaced a distance from the first polarizer and intersecting the emission pattern, the second polarizer rotated relative to the first polarizer by a first rotational amount Θ; a first optical detector intersecting the emission pattern; a second optical detector positioned proximal to the second polarizer, the first polarizer and the second polarizer being positioned between the optical energy source and the second optical detector, the second optical detector intersecting the emission pattern; a compensating circuit coupled to the second optical detector; and a subtractor circuit coupled to the compensating circuit and the first optical detector.

IPC 8 full level

G01N 21/359 (2014.01); **G01N 21/3577** (2014.01); **G01N 33/49** (2006.01)

CPC (source: EP)

G01N 21/21 (2013.01); **G01N 33/49** (2013.01)

Citation (search report)

See references of WO 2018200524A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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WO 2018200524 A1 20181101; CA 3056139 A1 20181101; CN 110582698 A 20191217; EP 3615918 A1 20200304

DOCDB simple family (application)

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