

Title (en)

MARKER FOR DETERMINING THE FERTILITY OF SPERMATOOZOA

Title (de)

MARKER ZUR BESTIMMUNG DER FERTILITÄT VON SPERMATOZOEN

Title (fr)

MARQUEUR POUR LA DÉTERMINATION DE LA FERTILITÉ DE SPERMATOZOÏDES

Publication

**EP 3891507 A1 20211013 (EN)**

Application

**EP 19813045 A 20191206**

Priority

- EP 18210761 A 20181206
- EP 2019084015 W 20191206

Abstract (en)

[origin: WO2020115291A1] The present invention relates to a method for determining the fertility of spermatozoa comprising detecting mitogen-activated protein kinase 14 iso form 3 (Mxi-2). The method may be a method for determining the fertility of spermatozoa contained in a sample S, said method comprising detecting the total content of the Mxi-2 in the sample S. Further, the present invention refers to a dipstick usable for this method. Moreover, the present invention relates to further methods and uses in the context of the present invention.

IPC 8 full level

**G01N 33/50** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

**G01N 33/5091** (2013.01); **G01N 33/689** (2013.01); **G01N 2333/912** (2013.01); **G01N 2800/367** (2013.01)

Citation (search report)

See references of WO 2020115291A1

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 2020115291 A1 20200611**; EP 3891507 A1 20211013

DOCDB simple family (application)

**EP 2019084015 W 20191206**; EP 19813045 A 20191206