

Title (en)

METHOD FOR THE DIRECT DETERMINATION OF FETAL ANEUPLOIDIES BY NON-INVASIVE ANALYSIS OF THE FETAL DNA FROM MATERNAL BLOOD BY MEANS OF DPCR

Title (de)

VERFAHREN ZUR DIREKTEN BESTIMMUNG VON FÖTALEN ANEUPLOIDIEN DURCH NICHT-INVASIVE ANALYSE DER FÖTALEN DNA AUS MÜTTERLICHEM BLUT MITTELS DPCR

Title (fr)

PROCÉDÉ POUR DÉTERMINER DE MANIÈRE DIRECTE DES ANEUPLOÏDIES FOETALES PAR ANALYSE NON INVASIVE DE L'ADN FOETAL À PARTIR DE SANG MATERNEL AU MOYEN D'UNE DPCR

Publication

EP 3966347 A1 20220316 (EN)

Application

EP 20725933 A 20200420

Priority

- IT 201900006679 A 20190509
- IB 2020053719 W 20200420

Abstract (en)

[origin: WO202225632A1] Method for determining the presence of fetal chromosomal aneuploidies by means of non-invasive analysis of the fetal DNA present in a sample of maternal blood previously taken from the pregnant woman, said method being characterized in that the DNA analysis is based on direct and quantitative cfDNA analysis using the ddPCR technique, said method providing for the use of a mathematical and bioinformatic analytical system which correlates the diagnostic result with the reciprocal ratios of the counts obtained for each chromosome of the fetal DNA.

IPC 8 full level

C12Q 1/6851 (2018.01); **C12Q 1/6883** (2018.01)

CPC (source: EP)

C12Q 1/6851 (2013.01); **C12Q 1/6883** (2013.01); **C12Q 2600/156** (2013.01)

Citation (search report)

See references of WO 2020225632A1

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 2020225632 A1 20201112; EP 3966347 A1 20220316; IT 201900006679 A1 20201109

DOCDB simple family (application)

IB 2020053719 W 20200420; EP 20725933 A 20200420; IT 201900006679 A 20190509