

Title (en)
METHOD AND DEVICE FOR DETERMINING GEOGRAPHIC POSITIONS OF A GEOGRAPHIC LOCATION TRACER

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER GEOGRAFISCHEN POSITION EINES GEOGRAFISCHEN
POSITIONSVERFOLGERS

Title (fr)
PROCEDE ET DISPOSITIF DE DETERMINATION DE POSITIONS GEOGRAPHIQUES D'UN TRACEUR DE LOCALISATION GEOGRAPHIQUE

Publication
EP 4158384 A1 20230405 (FR)

Application
EP 21734187 A 20210521

Priority
• FR 2005630 A 20200528
• FR 2021050935 W 20210521

Abstract (en)
[origin: WO2021240102A1] The method is implemented by a device (SRV) for a sequence (SQ) of geographic location measurements (Mj) of the tracer (TRAC), the sequence being ordered as a function of a time of measurement of said measurements, the method comprising the steps of: - obtaining (E010) the sequence (SQ); - for a measurement (Mj) of the sequence (SQ), referred to as indexed measurement, - partitioning all the measurements in two ordered sets (E1, E2), the indexed measurement being either the last measurement of the first set (E1) or the first measurement of the second set (E2); - calculating a statistical datum (Med1) for the first set (E1); - calculating a statistical datum (Med2) for the second set (E2); - calculating a distance (Dj), associated with the indexed measurement (Mj), between the sets (E1, E2) as a function of a distance between the statistical data (Med1, Med2) of the sets; - determining a maximum distance (Dmax) among the calculated distances for the set of indexed measurements of said sequence (SQ); the statistical datum (Med1) of the first set (E1) defined for the indexed measurement associated with the maximum difference (Dmax) corresponding to a first position of the tracer and the statistical datum (Med2) of the second set (E2) defined for the indexed measurement associated with the maximum distance corresponding to a second position of the tracer.

IPC 8 full level
G01S 19/14 (2010.01); **G01S 19/09** (2010.01); **G01S 19/34** (2010.01); **G01S 19/40** (2010.01)

CPC (source: EP US)
G01S 19/09 (2013.01 - EP US); **G01S 19/14** (2013.01 - EP); **G01S 19/34** (2013.01 - EP); **G01S 19/40** (2013.01 - EP); **G01S 19/42** (2013.01 - US)

Citation (search report)
See references of WO 2021240102A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3110974 A1 20211203; EP 4158384 A1 20230405; US 2023305171 A1 20230928; WO 2021240102 A1 20211202

DOCDB simple family (application)
FR 2005630 A 20200528; EP 21734187 A 20210521; FR 2021050935 W 20210521; US 202117928082 A 20210521