

Title (en)

ASSISTANCE IN CONTROLLING THE SPREAD OF A DISEASE, USING NETWORKED DEVICES

Title (de)

UNTERSTÜTZUNG BEI DER STEUERUNG DER AUSBREITUNG EINER KRANKHEIT UNTER VERWENDUNG VON VERNETZTEN VORRICHTUNGEN

Title (fr)

AIDE À LA LUTTE CONTRE LA PROPAGATION D'UNE MALADIE, PAR DES ÉQUIPEMENTS EN RÉSEAU

Publication

EP 4128833 A1 20230208 (FR)

Application

EP 21732942 A 20210325

Priority

- FR 2003146 A 20200330
- FR 2021050514 W 20210325

Abstract (en)

[origin: WO2021198592A1] The invention relates to assistance in controlling the spread of a contagious disease, using networked devices, and provides for: - upon receiving data of infection with the disease from a first user of a first mobile terminal, obtaining a list comprising at least data of successive geographical positions (Pos(t1), Pos(t2), etc.) of the first terminal over a predetermined period of time, and estimating from said list, at least one region at risk of infection by the first user, and for a second terminal available to a second user: - obtaining at least one geographical position datum from the second terminal during at least said period of time, and comparing the geographical position of the second terminal with the region at risk by means of the geographical position datum of the second terminal, - in the event of coincidence according to a chosen criterion (BR1, BR2, etc.) between the geographical position of the second terminal and the region at risk, activating a human-machine interface connected to the second terminal in order to signal a risk of infection to the second user.

IPC 8 full level

H04W 4/021 (2018.01); **G16H 50/80** (2018.01); **H04W 4/02** (2009.01); **H04W 4/029** (2018.01); **H04W 4/90** (2018.01); **H04W 12/02** (2009.01)

CPC (source: EP US)

G16H 50/80 (2017.12 - EP US); **H04W 4/021** (2013.01 - US); **H04W 4/022** (2013.01 - EP); **H04W 4/029** (2018.01 - EP US); **H04W 4/90** (2018.01 - EP US); **H04L 67/12** (2013.01 - EP); **H04W 4/023** (2013.01 - EP); **H04W 12/02** (2013.01 - EP); **Y02A 90/10** (2017.12 - EP)

Citation (search report)

See references of WO 2021198592A1

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 3108767 A1 20211001; CN 115668988 A 20230131; EP 4128833 A1 20230208; US 2023125123 A1 20230427; WO 2021198592 A1 20211007

DOCDB simple family (application)

FR 2003146 A 20200330; CN 202180025877 A 20210325; EP 21732942 A 20210325; FR 2021050514 W 20210325; US 202117915395 A 20210325