

Title (en)
COMPUTER-IMPLEMENTED SYSTEM AND METHODS FOR PREDICTING THE HEALTH AND THERAPEUTIC BEHAVIOR OF INDIVIDUALS USING ARTIFICIAL INTELLIGENCE, SMART CONTRACTS AND BLOCKCHAIN

Title (de)
COMPUTERIMPLEMENTIERTES SYSTEM UND VERFAHREN ZUR VORHERSAGE DES GESUNDHEITS- UND THERAPEUTISCHEN VERHALTENS VON PERSONEN MITTELS KÜNSTLICHER INTELLIGENZ, INTELLIGENTEN KONTRAKTEN UND BLOCKCHAIN

Title (fr)
SYSTÈME MIS EN OEUVRE PAR ORDINATEUR ET PROCÉDÉS DE PRÉDICTION DE LA SANTÉ ET DU COMPORTEMENT THÉRAPEUTIQUE D'INDIVIDUS À L'AIDE DE L'INTELLIGENCE ARTIFICIELLE, DE CONTRATS INTELLIGENTS ET D'UNE CHAÎNE DE BLOCS

Publication
EP 3970155 A4 20231018 (EN)

Application
EP 20810312 A 20200513

Priority
• US 201916415597 A 20190517
• US 202015930136 A 20200512
• US 2020032636 W 20200513

Abstract (en)
[origin: WO2020236481A1] A computer implemented method of predicting the health and therapeutic behavior of patients and making treatment plan recommendations includes the steps of: receiving patient healthcare data having one or more conditions and limiting factors; determining a therapeutic behavior pattern of patient; determining unsuccessful therapies and successful therapies for each condition based on therapeutic behavior pattern; and calculating cost quote for successful therapies based on limiting factors for time period. A computer implemented method of providing cost effective therapy for a patient is also provided and includes the steps of: receiving patient healthcare data; determining unsuccessful therapies and successful therapies; calculating probability of disease progression; calculating possible therapies ranked by probability of successful treatment; calculate cost quote for possible therapies; and paying a smart contract for a selected therapy.

IPC 8 full level
G16H 20/00 (2018.01); **G06Q 20/06** (2012.01); **G06Q 20/38** (2012.01); **G16H 20/10** (2018.01)

CPC (source: EP)
G06Q 20/14 (2013.01); **G16H 10/60** (2017.12); **G16H 20/10** (2017.12); **G16H 50/20** (2017.12)

Citation (search report)
• [Y] US 2019088366 A1 20190321 - VAUGHAN BRENT [US], et al
• [A] US 2018001184 A1 20180104 - TRAN BAO [US], et al
• [Y] US 2018165588 A1 20180614 - SAXENA MANOJ [US], et al
• [Y] WO 2018039312 A1 20180301 - BBM HEALTH LLC [US]
• [Y] KR 101882300 B1 20180725 - CATHOLIC UNIV KOREA IND ACADEMIC COOPERATION FOUNDATION [KR]
• [Y] WO 2018209161 A1 20181115 - UNIV MICHIGAN REGENTS [US]
• [Y] THEODOULI ANASTASIA ET AL: "On the Design of a Blockchain-Based System to Facilitate Healthcare Data Sharing", 2018 17TH IEEE INTERNATIONAL CONFERENCE ON TRUST, SECURITY AND PRIVACY IN COMPUTING AND COMMUNICATIONS/ 12TH IEEE INTERNATIONAL CONFERENCE ON BIG DATA SCIENCE AND ENGINEERING (TRUSTCOM/BIGDATASE), IEEE, 1 August 2018 (2018-08-01), pages 1374 - 1379, XP033398866, DOI: 10.1109/TRUSTCOM/BIGDATASE.2018.00190
• See references of WO 2020236481A1

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

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WO 2020236481 A1 20201126; CA 3140408 A1 20201126; EP 3970155 A1 20220323; EP 3970155 A4 20231018

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