

Title (en)
METHOD AND SYSTEM FOR IDENTIFYING DIAGNOSTIC AND THERAPEUTIC OPTIONS FOR MEDICAL CONDITIONS USING ELECTRONIC HEALTH RECORDS

Title (de)
VERFAHREN UND SYSTEM ZUR IDENTIFIZIERUNG VON DIAGNOSTISCHEN UND THERAPEUTISCHEN OPTIONEN FÜR MEDIZINISCHE ZUSTÄNDE UNTER VERWENDUNG VON ELEKTRONISCHEN GESUNDHEITSAKTEN

Title (fr)
PROCÉDÉ ET SYSTÈME PERMETTANT D'IDENTIFIER DES OPTIONS DIAGNOSTIQUES ET THÉRAPEUTIQUES POUR DES AFFECTIONS MÉDICALES À L'AIDE DE DOSSIERS MÉDICAUX ÉLECTRONIQUES

Publication
EP 3405894 A1 20181128 (EN)

Application
EP 17702724 A 20170118

Priority
• US 201662280172 P 20160119
• US 2017013992 W 20170118

Abstract (en)
[origin: WO2017127459A1] A method for identifying diagnostic and therapeutic options for medical conditions. The method includes obtaining, from patient data in electronic health records, a diagnoses statistics database that includes statistical distributions of values of action results associated with diagnoses, and for each action result, a benefit of using the action result for disambiguating pairs of diagnoses. The method further includes obtaining an initial differential diagnosis for a patient. The initial differential diagnosis includes a set of initial diagnoses that are based on initially available patient data. Each initial diagnosis is assigned a probability that the initial diagnosis correctly identifies a condition of the patient. The method further includes identifying, based on the benefits of action results obtained for pairs of diagnoses, actions that have a largest benefit for disambiguation of the differential diagnosis, and providing a subset of actions, selected from the actions, and associated benefits to a physician.

IPC 8 full level
G06F 19/00 (2018.01)

CPC (source: EP KR)
G16H 10/60 (2017.12 - EP KR); **G16H 20/00** (2017.12 - EP); **G16H 50/20** (2017.12 - EP KR); **G16H 50/70** (2017.12 - EP KR)

Citation (search report)
See references of WO 2017127459A1

Designated contracting state (EPC)
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