

Title (en)
COMPUTERIZED MEDICAL DIAGNOSTIC SYSTEM UTILIZING LIST-BASED PROCESSING

Title (de)
RECHNERGESTÜTZTES MEDIZINISCHES DIAGNOSE-, BEHANDLUNGS- UND BERATUNGSSYSTEM MIT VERWENDUNG EINES LISTENBANKPROZESSORS

Title (fr)
SYSTEME DE DIAGNOSTIC MEDICAL INFORMATISE PAR TRAITEMENT A BASE DE LISTES

Publication
EP 0912955 A2 19990506 (EN)

Application
EP 97934919 A 19970711

Priority
• US 9712025 W 19970711
• US 2161496 P 19960712
• US 2161596 P 19960712

Abstract (en)
[origin: WO9802837A1] A system and method for providing computerized, knowledge-based medical diagnostic and treatment advice. The medical advice is provided to the general public over networks, such as a telephone network or a computer network. The invention also includes a stand-alone embodiment that may utilize occasional connectivity to a central computer by use of a network, such as the Internet. Two new authoring languages, interactive voice response and speech recognition are used to enable expert and general practitioner knowledge to be encoded for access by the public. "Meta" functions for time-density analysis of a number of factors regarding the number of medical complaints per unit of time are an integral part of the system. A re-enter feature monitors the user's changing condition over time. A symptom severity analysis helps to respond to the changing conditions. System sensitivity factors may be changed at a global level or other levels to adjust the system advice as necessary.

IPC 1-7
G06F 19/00

IPC 8 full level
G06F 9/44 (2006.01); **A61B 5/00** (2006.01); **G06F 19/00** (2011.01); **G06N 5/04** (2006.01); **G06Q 50/00** (2006.01)

CPC (source: EP US)
A61B 5/0022 (2013.01 - EP US); **A61B 5/411** (2013.01 - EP); **G16H 10/20** (2018.01 - EP US); **G16H 15/00** (2018.01 - EP US); **G16H 80/00** (2018.01 - EP US); **G16H 10/60** (2018.01 - EP US); **G16H 40/20** (2018.01 - EP US); **G16H 70/60** (2018.01 - EP US); **Y02A 90/10** (2018.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9802837 A1 19980122; AT E284558 T1 20041215; AU 3797397 A 19980209; AU 4040397 A 19980209; AU 728675 B2 20010118; AU 728675 C 20011108; AU 753087 B2 20021010; BR 9712091 A 19991005; BR 9712092 A 19990831; CA 2260836 A1 19980122; CA 2260838 A1 19980122; CN 1230266 A 19990929; CN 1246942 A 20000308; DE 69731884 D1 20050113; DE 69731884 T2 20051215; EA 001835 B1 20010827; EA 001861 B1 20011022; EA 199900030 A1 19990826; EA 199900031 A1 19991028; EP 0912955 A2 19990506; EP 0912957 A1 19990506; EP 0912957 B1 20041208; ES 2237801 T3 20050801; HK 1053178 A1 20031010; IL 127935 A0 19991130; IL 127935 A 20030624; IL 127936 A0 19991130; IL 127936 A 20040512; JP 2000514938 A 20001107; JP 2002511159 A 20020409; JP 4224136 B2 20090212; JP 4615629 B2 20110119; NZ 333717 A 20001027; NZ 333718 A 20001027; WO 9802836 A2 19980122; WO 9802836 A3 20001123

DOCDB simple family (application)
US 9712162 W 19970711; AT 97937972 T 19970711; AU 3797397 A 19970711; AU 4040397 A 19970711; BR 9712091 A 19970711; BR 9712092 A 19970711; CA 2260836 A 19970711; CA 2260838 A 19970711; CN 97197872 A 19970711; CN 97197873 A 19970711; DE 69731884 T 19970711; EA 199900030 A 19970711; EA 199900031 A 19970711; EP 97934919 A 19970711; EP 97937972 A 19970711; ES 97937972 T 19970711; HK 03105370 A 20030725; IL 12793597 A 19970711; IL 12793697 A 19970711; JP 50614698 A 19970711; JP 50620598 A 19970711; NZ 33371797 A 19970711; NZ 33371897 A 19970711; US 9712025 W 19970711