

Title (en)

SYSTEM AND METHOD TO AID DIAGNOSES USING CROSS-REFERENCED KNOWLEDGE AND IMAGE DATABASES

Title (de)

SYSTEM UND VERFAHREN ZUR UNTERSTÜTZUNG VON DIAGNOSEN DURCH EXPERTEN- UND BILDDATENBANKEN MIT QUERVERWEISEN

Title (fr)

SYSTEME ET PROCEDE DESTINES A L'AIDE AU DIAGNOSTIC AU MOYEN DE BASES DE DONNEES D'IMAGES ET DE CONNAISSANCES A REFERENCES CROISEES

Publication

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Application

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Abstract (en)

[origin: WO0211035A1] The present invention is a method and apparatus for increasing the usefulness of visual knowledge in a number of applications. It distills the relationships between characteristics and hypotheses into database form (104), thereby organizing visual information in a manner suitable to aid the user in the investigation of the various hypotheses (medical diagnosis, pill identification, plant/animal identification, cause of death, cause of accident, etc.). The invention sidesteps unresolved issues around knowledge engineering by not automating a decision making process. Rather, the present invention utilizes a relational database (104) to dynamically respond to textual and visual findings (110) as an aid to assist a user reaching a reasoned conclusion (120) based upon information available by direct observation and comparison (116,118) with stored image and textual data.

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