

Title (en)
A SYSTEM AND METHOD FOR AUTOMATIC MANAGEMENT OF SUMMONING, IDENTIFYING, SELF-TESTING AND/OR SELF-TUTORING OF SUBJECTS

Title (de)
VERFAHREN ZUM SELBSTTÄTIGEN BETREIBEN EINER ANORDNUNG ZUR AUFFORDERUNG, ZUR IDENTIFIKATION ZUM SELBSTTEST UND/ODER FÜR DEN SELBSTUNTERRICHT VON PROBANDEN

Title (fr)
SYSTEME ET PROCEDE ASSURANT LA GESTION AUTOMATIQUE DE CONVOCATION, D'IDENTIFICATION, D'AUTO-EVALUATION ET/OU DE CONSEIL DE SUJETS

Publication
EP 0929868 A4 20000726 (EN)

Application
EP 97928409 A 19970701

Priority
• IL 9700220 W 19970701
• IL 11877196 A 19960701
• US 4216197 P 19970331

Abstract (en)
[origin: WO9802083A2] A system for automatically managing summoning to a session including at least one of self-testing and self-tutoring at least one subject which includes a summoning apparatus for summoning at least one subject to said session, apparatus for performing said session and a control apparatus for controlling said summoning and said session. A system and a method for automatic self-testing of vision. The system includes an optical testing unit for testing vision of a user and a computer connected to said optical testing unit. The computer controls the optical testing unit, receives data from the optical testing unit and processes and stores the test results. The system includes input devices for receiving user input and devices for providing automatic tutoring and training to the user. The system may also include devices for identifying the user. The system may also include devices for providing a report of the test results and for communicating the report to another local or remote computer. The method includes providing the user with self-tutoring and self-training for performing the self-testing, automatically administering at least one vision test to the user; and storing the results of the test in a database. The method may also include identifying the user prior to testing, and providing a report of the test results. The optical testing unit presents at least one eye of the user with visual test images including a single test pattern and a multiple-choice answer pattern, receives answers selected by the user and analyzes the answers to determine the test result. The visual test images may be randomly or pseudo-randomly selected from a predetermined group of images for preventing the user from predicting the answers.

IPC 1-7
A61B 3/02; **A61B 5/00**; **A61B 5/117**

IPC 8 full level
A61B 3/02 (2006.01); **A61B 5/117** (2006.01); **A61B 5/12** (2006.01)

CPC (source: EP US)
A61B 3/02 (2013.01 - US); **A61B 5/1171** (2016.02 - EP US); **G06V 40/19** (2022.01 - EP); **A61B 5/121** (2013.01 - EP)

Citation (search report)
• [XA] US 5377258 A 19941227 - BRO WILLIAM L [US]
• [XA] US 5277197 A 19940111 - CHURCH JOHN [US], et al
• [XA] EP 0290683 A2 19881117 - DIVA MEDICAL SYSTEMS BV [NL]
• [XA] EP 0319446 A1 19890607 - UNITED TECHNOLOGIES CORP [US]
• [XA] US 3891311 A 19750624 - FLETCHER JAMES C DEPUTY ADMINI, et al
• [XA] US 3737217 A 19730605 - HAINES R, et al
• [A] US 4027954 A 19770607 - GOOD CARLETON R
• [A] US 5387952 A 19950207 - BYER HAROLD [US]
• See references of WO 9802083A2

Designated contracting state (EPC)
BE DE DK ES FI FR GB IT NL SE

DOCDB simple family (publication)
WO 9802083 A2 19980122; **WO 9802083 A3 19980226**; AU 3271397 A 19980209; CA 2259978 A1 19980122; EP 0929868 A2 19990721; EP 0929868 A4 20000726; JP 2000517442 A 20001226

DOCDB simple family (application)
IL 9700220 W 19970701; AU 3271397 A 19970701; CA 2259978 A 19970701; EP 97928409 A 19970701; JP 50580798 A 19970701