

Title (en)
COMPUTERIZED ELECTRO-OCULOGRAPHIC(CEOG)SYSTEM.

Title (de)
ELEKTRO-OKULOGRAPHISCHES RECHNERSYSTEM (CEOG).

Title (fr)
SYSTEME INFORMATISE ELECTRO-OCULOGRAPHIQUE(CEOG).

Publication
EP 0104166 A4 19860304 (EN)

Application
EP 82901258 A 19820322

Priority
US 8200343 W 19820322

Abstract (en)
[origin: WO8303341A1] A computerized electro-oculographic system has a rotatable subject chair (2) surrounded by a cylindrical screen (18) on which the desired optical stimuli from projectors (12, 16) are displayed. Eye movement signals are picked up by electrodes (6a-1) amplified (24, 26), calibrated (46), filtered (26) and digitized (28) for interface (30) with a computer (32). The tests to be run are selected by a keyboard (44) to operate the computer according to its programs (36). The computer signals are then displayed (38) and/or recorded (40, 42).

IPC 1-7
A61B 5/04

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/276** (2021.01)

CPC (source: EP US)
A61B 5/276 (2021.01 - EP); **A61B 5/377** (2021.01 - EP US); **A61B 5/378** (2021.01 - US); **A61B 5/398** (2021.01 - EP US);
A61B 5/4863 (2013.01 - EP); **A61B 5/7207** (2013.01 - EP)

Citation (search report)

- [Y] GB 2065917 A 19810701 - INST NAT SANTE RECH MED
- [Y] US 3969020 A 19760713 - LYNN JOHN R, et al
- [X] IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, vol. BME-28, no. 5, May 1981, pages 390-395, IEEE, New York, US; J.R. TOLE et al.: "A microprocessor-controlled vestibular examination chair"
- [A] MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, vol. 17, no. 6, November 1979, pages 781-782, Stevenage, GB; V. JÄNTTI et al.: "Microcomputer-controlled visual stimulator for studies of eye movements and visual evoked potentials"
- [A] MEDICAL AND BIOLOGICAL ENGINEERING, vol. 12, no. 4, July 1974, pages 489-491, Stevenage, GB; M. CHENG et al.: "Computer-generated optokinetic display"
- [A] ACTA OTO-LARYNGOLOGICA, vol. 42, no. 6, December 1952, pages 511-538; C.S. HALLPIKE et al.: "The design, construction and performance of a new type of revolving chair"

Designated contracting state (EPC)
CH DE FR GB LI NL

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