Title (en)
METHOD AND DEVICE FOR ANALYSING FINE MOTOR SKILLS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ANALYSIEREN FEINMOTORISCHER FÄHIGKEITEN

Title (fr)
PROCEDE ET DISPOSITIF D'ANALYSE DE LA MOTRICITE FINE

Publication
EP 4091176 A1 20221123 (FR)

Application
EP 21701061 A 20210113

Priority
- FR 2000383 A 20200115
- EP 2021050586 W 20210113

Abstract (en)
[origin: WO2021144307A1] Disclosed is a method for acquiring and analysing the fine motor skills of an individual, comprising the following steps:
a) presenting at least one course on a medium, inviting the individual to make a free movement with at least one finger and/or one accessory on
the medium, this movement being linked to the presented course, b) recording a period of time taken to complete at least part of the course, c)
recording successive positions of the finger and/or the accessory during the completion of at least a part of the course, d) analysing the recordings
in order to generate at least one random variable describing successive positions according to a predefined statistical model, e) generating a score
representative of the fine motor skills, based on at least the period of time taken to complete at least part of the course and a statistical measurement
of the random variable, characteristic of a quantity of information, disorder or chaos contained in the recording of the successive positions.

IPC 8 full level
G16H 50/20 (2018.01); **G16H 50/30** (2018.01)

CPC (source: EP US)
G16H 50/20 (2017.12 - EP); **G16H 50/30** (2017.12 - EP US)

Citation (search report)
See references of WO 2021144307A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3106234 A1 20210716; EP 4091176 A1 20221123; US 2023047530 A1 20230216; WO 2021144307 A1 20210722

DOCDB simple family (application)
FR 2000383 A 20200115; EP 2021050586 W 20210113; EP 21701061 A 20210113; US 202117792994 A 20210113