

Title (en)

VISION TRAINING METHOD AND APPARATUS

Title (de)

SICHTTRAININGSVERFAHREN UND VORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL D'ENTRAÎNEMENT DE LA VISION

Publication

**EP 3104764 A1 20161221 (EN)**

Application

**EP 14881439 A 20140210**

Priority

US 2014015523 W 20140210

Abstract (en)

[origin: WO2015119630A1] A method and device for the training of human vision using multi-modal stimulation (at least one of sound and vibration) and principles of biofeedback to aid in the detection of visual targets. The programmable device generates a repetitive, randomly positioned target onto a monitor situated in an unsighted portion of the patients visual field. The subjects task, to manually search for and find this target on the screen, is aided by an ongoing (auditory or tactile) feedback mechanism which changes in temporal frequency according to the subjects proximity to the target, being most rapid when upon it. This approach is intended for those who have experienced insult to areas of the visual system responsible for conscious sight and whose deficits range from visual inattention to complete blindness.

IPC 8 full level

**A61B 3/00** (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP)

**A61H 5/00** (2013.01); **A61H 23/02** (2013.01); **A61H 2201/5048** (2013.01)

Cited by

CN107661198A

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

DOCDB simple family (publication)

**WO 2015119630 A1 20150813**; EP 3104764 A1 20161221; EP 3104764 A4 20170322; EP 3104764 B1 20190109

DOCDB simple family (application)

**US 2014015523 W 20140210**; EP 14881439 A 20140210