

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 B1 20190109 (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

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CPC (source: EP)

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