

Title (en)

PROCESS AND DEVICE FOR APPORTIONING THERAPEUTIC VISION STIMULI

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DOSIERUNG THERAPEUTISCHER VISUELLER STIMULI

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉPARTITION DE STIMULI VISUELS THÉRAPEUTIQUES

Publication

EP 2012733 B1 20160210 (EN)

Application

EP 07759016 A 20070321

Priority

- US 2007064520 W 20070321
- US 78423506 P 20060321

Abstract (en)

[origin: WO2007109724A1] A method and device for treating the visual system of a human is provided. The method comprises situating the human in proximity to a computer-actuated light emitting array that has a set of individually actuable elements. A campimetric representation of the visual field is used to select a stimulus distribution. An actuable element subset is selected from the set of individually actuable elements based on the stimulus distribution. The subset of elements is actuated to emit a light stimulus that is directed to a specified region of the human's visual field. The stimulus distribution may be biased toward the central visual field or based on apportioning among specified zones. The distribution may also be based on a transition zone.

IPC 8 full level

A61H 5/00 (2006.01)

CPC (source: EP)

A61H 5/00 (2013.01)

Cited by

WO2021190762A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007109724 A1 20070927; AU 2007226838 A1 20070927; CA 2646080 A1 20070927; CA 2646080 C 20141202; EP 2012733 A1 20090114; EP 2012733 B1 20160210; ES 2569401 T3 20160510; JP 2009530062 A 20090827

DOCDB simple family (application)

US 2007064520 W 20070321; AU 2007226838 A 20070321; CA 2646080 A 20070321; EP 07759016 A 20070321; ES 07759016 T 20070321; JP 2009501715 A 20070321