

Title (en)

FLEXIBLE DISPLAYS FOR VR/AR HEADSETS

Title (de)

FLEXIBLE ANZEIGEN FÜR VR/AR-KOPFHÖRER

Title (fr)

AFFICHAGES FLEXIBLES POUR CASQUES DE RÉALITÉ VIRTUELLE OU AUGMENTÉE

Publication

EP 4359850 A2 20240501 (EN)

Application

EP 22744611 A 20220624

Priority

- US 202163214606 P 20210624
- US 202217847752 A 20220623
- US 2022035014 W 20220624

Abstract (en)

[origin: WO2022272143A2] A headset for virtual reality imaging is provided. The headset includes a first display configured to generate multiple light beams from a central portion of a field of view in an image provided to a user, a first optical element configured to provide the light beams forming a central portion of the field of view through an eyebox of the headset that limits a volume including a pupil of the user, and a second display configured to provide a peripheral portion of the field of view for the image through the eyebox, wherein the second display includes multiple light emitting pixels arranged in a two-dimensional surface. A system and a method for using the above headset are also provided.

IPC 8 full level

G02B 27/01 (2006.01)

CPC (source: EP)

G02B 27/0172 (2013.01); **G02B 2027/0123** (2013.01)

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)

WO 2022272143 A2 20221229; WO 2022272143 A3 20230202; EP 4359850 A2 20240501; TW 202307517 A 20230216

DOCDB simple family (application)

US 2022035014 W 20220624; EP 22744611 A 20220624; TW 111123695 A 20220624