

Title (en)

MINIATURE DISPLAY DEVICES AND SYSTEMS

Title (de)

MINIATURANZEIGEEINRICHTUNGEN UND -SYSTEME

Title (fr)

DISPOSITIFS ET SYSTEMES DE VISUALISATION MINIATURES

Publication

**EP 1008027 A4 20000614 (EN)**

Application

**EP 97926478 A 19970509**

Priority

- US 9708077 W 19970509
- US 1723296 P 19960509
- US 2485196 P 19960828

Abstract (en)

[origin: WO9742560A1] A body-mountable display device (10) includes an image source for producing an image, an image transmission device (60) including at least one optically-transmissive fiber (150), the image transmission device (60) being mountable on the body of a user, projection optics (80) for receiving and relaying the image carried by the image transmission device (60), and a display (30) for receiving the image from the image transmission device (60) and projecting the image to at least one person. Embodiments of the invention are of significantly reduced size and weight, significantly reduced power consumption and thermal output, and significantly increased durability and reliability. Embodiments of the invention also are more aesthetically pleasing in appearance. Corresponding method embodiments provide similar advantages.

IPC 1-7

**G06F 1/16**

IPC 8 full level

**G06F 1/16** (2006.01)

CPC (source: EP)

**G02B 27/0172** (2013.01); **G03B 21/005** (2013.01); **G06F 1/163** (2013.01); **G02B 6/00** (2013.01); **G02B 13/22** (2013.01)

Citation (search report)

- [A] US 4361384 A 19821130 - BOSSERMAN DAVID A
- [A] US 5450596 A 19950912 - FELSENSTEIN LEE [US]
- See references of WO 9742560A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9742560 A1 19971113**; AU 3123997 A 19971126; EP 1008027 A1 20000614; EP 1008027 A4 20000614; JP 2000512772 A 20000926

DOCDB simple family (application)

**US 9708077 W 19970509**; AU 3123997 A 19970509; EP 97926478 A 19970509; JP 54025797 A 19970509