Title (en)

OPTICAL DISPLAY SYSTEM AND METHOD, ACTIVE AND PASSIVE DITHERING USING BIREFRINGENCE, COLOR IMAGE SUPERPOSITIONING AND DISPLAY ENHANCEMENT

Title (de)

OPTISCHES ANZEIGESYSTEM UND -VERFAHREN, AKTIVES UND PASSIVES HALBTONVERFAHREN UNTER BENUTZUNG DER DOPPELBRECHUNG, ÜBERLAGERUNG VON FARBBILDERN SOWIE BILDVERBESSERUNG

Title (fr)

PROCEDE ET DISPOSITIF D'AFFICHAGE OPTIQUE, JUXTAPOSITION ACTIVE ET PASSIVE UTILISANT LA BIREFRINGENCE, LA SUPERPOSITION D'IMAGES COULEUR ET L'AMPLIFICATION DE L'AFFICHAGE

Publication

EP 0789852 A4 19990113 (EN)

Application

EP 95941333 A 19951025

Priority

- US 9513722 W 19951025
- US 32837594 A 19941025
- US 39205595 A 19950222
- US 39829295 A 19950303
- US 197295 P 19950723

Abstract (en)

[origin: JP2001166739A] PROBLEM TO BE SOLVED: To provide a display device including a passive display, a light source and a video signal input. SOLUTION: This display system adjusts the light form a light source so that the passive display generates a picture in response to a video signal at the time of an operation then the intensity of the light source is controlled by the video signal. In the method for generating a display picture by using the passive display illuminated by the light source, the light source is controlled so that the display obtains prescribed amount of information and the display picture provided with gray scale and color characteristics. In the method for reducing power consumption by a display system by which an incident light from the light source is controlled so that a light control display generates the picture, electric power suplied to the light source is controlled so as to reduce the output of relatively dark image.

IPC 1-7

G02B 5/30; G02B 26/08; G02B 27/28; G02F 1/29; G02F 1/1335

IPC 8 full level

G02F 1/13 (2006.01); G02B 5/30 (2006.01); G02B 27/28 (2006.01); G02F 1/133 (2006.01); G02F 1/1335 (2006.01); G09F 9/00 (2006.01); G09G 3/20 (2006.01); G09G 3/34 (2006.01); G09G 3/36 (2006.01); H01J 29/89 (2006.01); H04N 5/66 (2006.01); H04N 5/74 (2006.01); H04N 9/30 (2006.01); H04N 9/31 (2006.01); H04N 13/363 (2018.01)

CPC (source: EP US)

G02B 5/3083 (2013.01 - EP); G02B 27/017 (2013.01 - EP); G02B 27/283 (2013.01 - EP); G09G 3/007 (2013.01 - EP); G09G 3/3406 (2013.01 - EP US); G09G 3/36 (2013.01 - EP); H01J 29/89 (2013.01 - EP); H04N 5/66 (2013.01 - EP); H04N 5/7441 (2013.01 - EP); H04N 5/7491 (2013.01 - EP); H04N 9/16 (2013.01 - EP); H04N 9/30 (2013.01 - EP); H04N 9/3102 (2013.01 - EP); H04N 9/3155 (2013.01 - EP); H04N 9/3167 (2013.01 - EP); H04N 9/3173 (2013.01 - EP); H04N 9/3188 (2013.01 - EP); H04N 13/344 (2018.04 - EP); H04N 13/363 (2018.04 - EP US); H04N 13/395 (2018.04 - EP); G02B 5/30 (2013.01 - EP); G02B 2027/0112 (2013.01 - EP); G02B 2027/0118 (2013.01 - EP); G09G 3/2007 (2013.01 - EP); G09G 3/2051 (2013.01 - EP); G09G 2310/0224 (2013.01 - EP); G09G 2310/0235 (2013.01 - EP); G09G 2320/0271 (2013.01 - EP); G09G 2320/0606 (2013.01 - EP); G09G 2320/0626 (2013.01 - EP); G09G 2320/0646 (2013.01 - EP); G09G 2320/066 (2013.01 - EP); G09G 2330/021 (2013.01 - EP); G09G 2340/0407 (2013.01 - EP); G09G 2360/144 (2013.01 - EP); G09G 2360/16 (2013.01 - EP); H01J 2229/8926 (2013.01 - EP); H01J 2329/897 (2013.01 - EP); H04N 13/305 (2018.04 - EP); H04N 13/31 (2018.04 - EP); H04N 13/324 (2018.04 - EP); H04N 13/341 (2018.04 - EP); H04N 13/398 (2018.04 - EP)

Citation (search report)

- [XA] FR 2611389 A1 19880902 - THOMSON CSF [FR]
- [XA] EP 0606162 A2 19940713 - SONY CORP [JP]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 013, no. 338 (E - 795) 28 July 1989 (1989-07-28)
- See references of WO 9612978A1

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