

Title (en)
A SYSTEM FOR CONTROLLING GRAY SCALE

Title (de)
SYSTEM ZUR STEUERUNG DER GRAUSTUFE

Title (fr)
SYSTEME ET PROCEDE DE DECODAGE LOCAL D'UNE SEQUENCE DE BITS NUMERIQUE POUR COMMUTER L'ETAT D'UN PIXEL SUR UNE BASE TEMPORELLE, DANS LE BUT DE REGULER LES NIVEAUX DE GRIS ET LA CORRECTION GAMMA

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EP 1384202 A2 20040128 (EN)

Application
EP 02724978 A 20020220

Priority
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Abstract (en)
[origin: WO02069259A2] A display matrix is provided for forming a composite image from a series of sub-images. In general, the display matrix includes a plurality of display elements (1014), each display element including a pixel, and a display circuit electrically connected to the pixel. An illumination source (3002) illuminates each of the pixels. Logic controls (3016) the intensity of each pixel utilizing a digitally controlled waveform for controlling a duration of time that illumination is allowed to pass through liquid crystal of the display elements (3014). Intensity values for each pixels are stored in memories (3006,3010) that are associated with the individual pixels of a display. Each of the pixels is set to a first state. A first intensity level is broadcast to the pixels. The first intensity level is analyzed (3004) with the intensity value stored in the pixel memories (3006,3010).

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G06T 1/00

IPC 8 full level
G09G 3/20 (2006.01); **G09G 3/32** (2006.01); **G09G 3/34** (2006.01); **G09G 3/36** (2006.01)

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Citation (search report)
See references of WO 02069259A2

Cited by
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