

Title (en)
IMAGE DISPLAY DEVICE AND METHOD OF CONTROLLING SAME

Title (de)
BILDANZEIGEEINRICHTUNG UND VERFAHREN ZU IHRER STEUERUNG

Title (fr)
DISPOSITIF D'AFFICHAGE D'IMAGES ET PROCEDE DE PILOTAGE DE CELUI-CI.

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Abstract (en)
[origin: WO2006084989A1] The invention relates to an active matrix image display device (60) comprising: several light emitters (2, 4, 6, 8; 62, 64) which form a network that is divided into rows (10, 12; 61, 68) and columns (14, 16); a current modulator (36) for each emitter (2, 4, 6, 8; 62, 64); and at least one reverse-bias voltage generator (52, 54; 69). The inventive device is characterised in that it also comprises: a reverse-bias switch (59) for each emitter (2, 4, 6, 8; 62, 64), said reverse-bias switch (59) being connected to (i) each modulator (36) and (ii) each reverse-bias voltage generator (52, 54; 69); and control electrodes (70, 71, 72, 74) which can control all of the reverse-bias switches (59) in one row of emitters (10, 12; 61; 68). The invention also relates to a method of controlling the device.

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