Title (en)

METHOD FOR COMPENSATING PERTURBATIONS CAUSED BY DEMULTIPLEXING AN ANALOG SIGNAL IN A MATRIX DISPLAY

Title (de)

VERFAHREN ZUR KOMPENSATION VON DURCH DEMULTIPLEXEN EINES ANALOGEN SIGNALS VERURSACHTEN STÖRUNGEN IN EINER MATRIXANZEIGE

Title (fr)

PROCEDE DE COMPENSATION DES PERTURBATIONS DUES AU DEMULTIPLEXAGE D'UN SIGNAL ANALOGIQUE DANS UN AFFICHEUR MATRICIEL

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Application

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Abstract (en)

[origin: WO0141112A2] The invention concerns a method for compensating perturbations caused by demultiplexing an analog signal on a circuit comprising N data lines, wherein the demultiplexing is carried out by sampling-holding circuits whereof the input receives the analog signal and the output is connected to one of the N data lines, the N sampling-holding circuits being controlled successively by a sampling signal (ECHi). When the sampling signal (ECHi) is applied on one of the sampling-holding circuits, an opposite compensation level (V3) lower than the sampling signal level is applied on the N-1 sampling-holding circuits. The invention is particularly applicable to LCD screens.

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