

Title (en)
METHOD FOR DISPLAYING IMAGES ON A MATRIX SCREEN

Title (de)
BILDANZEIGEVERFAHREN AUF MATRIX-BILDSCHIRM

Title (fr)
PROCÉDÉ D’AFFICHAGE D’IMAGES SUR UN ÉCRAN MATRICIEL

Publication
EP 3079142 B1 20200624 (FR)

Application
EP 16164462 A 20160408

Priority
FR 1553140 A 20150410

Abstract (en)
[origin: US2016300525A1] A method for displaying images on an active matrix screen, i representing a pointer of a current row and each pixel comprising a memory and a display component comprises controlling the brightness of the pixels by a binary word comprising a number of bits written successively into the memory and by controlling the display component as a function of a state of the bit written into the memory, the bits of each binary word being ranked by their weight from $j=1$ to $j=P$. The writes are sequenced: from a current row i, writing on the rows $i+2j$, from $j=1$ to $j=P$, the bit of weight j of each binary word associated with different pixels of rows $i+2j$; repeating, $2P-1$ times, the writes mentioned above by shifting the pointer i of the current row by one unit on each repetition; i being determined modulo $2P-1$ to lie between 1 and $2P-1$.

IPC 8 full level
G09G 3/20 (2006.01); **G09G 3/32** (2016.01)

CPC (source: EP US)
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Cited by
EP4138128A1; FR3126261A1; FR3125358A1; WO2023285449A1

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