

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)  
**G09G 3/20** (2013.01 - EP US); **G09G 3/2022** (2013.01 - EP US); **G09G 3/2092** (2013.01 - US); **G09G 3/32** (2013.01 - US); **G09G 3/3233** (2013.01 - EP US); **G09G 2300/0842** (2013.01 - EP US); **G09G 2300/0857** (2013.01 - EP US); **G09G 2310/0224** (2013.01 - EP US); **G09G 2320/0252** (2013.01 - EP US)

Cited by  
EP4138128A1; FR3126261A1; FR3125358A1; WO2023285449A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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