

Title (en)
Method of and device for controlling a monitor

Title (de)
Verfahren zur Ansteuerung eines Monitors und Monitorsteuerschaltung

Title (fr)
Méthode et dispositif de commande d'un moniteur

Publication
EP 0500147 B2 20010822 (DE)

Application
EP 92107715 A 19900321

Priority
• DE 3915562 A 19890512
• EP 90904821 A 19900321

Abstract (en)
[origin: DE3915562C1] A monitor control circuit for driving a monitor which operates at a second pixel frequency on the basis of a digital image signal with a first pixel frequency has a first storage device (3) into which the image signal can be read with a frequency dependent on the first pixel frequency by means of a first control device, and a video storage device in effective connection with the output of the first storage device (3). To ensure constant updating of the image signal to be displayed, the first storage device is a first in-first out storage device (3), and a second storage device (6) connected to the video storage device (4) and to the first in-first out storage device (3) can read data words from the first in-first out storage device (3) and can write them into the video storage device (4) in such a manner that the reading of the data words from the first in-first out storage device (3) is interrupted when data words are being read from the video storage device (4). As a result, the number of data words stored in the first in-first out device (3) which can be re-stored in the video storage device (4) can vary.

IPC 1-7
G09G 1/16

IPC 8 full level
G09G 1/16 (2006.01); **G09G 5/12** (2006.01); **G09G 5/18** (2006.01); **G09G 5/393** (2006.01); **G09G 5/395** (2006.01)

CPC (source: EP KR US)
G09G 1/16 (2013.01 - KR); **G09G 5/393** (2013.01 - EP US); **G09G 5/395** (2013.01 - EP US)

Cited by
EP0779608A3; CN102129831A; WO2012093276A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9013886 A2 19901115; WO 9013886 A3 19901227; AT E137352 T1 19960515; AT E85858 T1 19930315; DE 3915562 C1 19901031; DE 59000902 D1 19930325; DE 59010304 D1 19960530; DK 0468973 T3 19930510; DK 0468973 T4 20010730; DK 0500147 T3 19960513; DK 0500147 T4 20011008; EP 0468973 A1 19920205; EP 0468973 B1 19930217; EP 0468973 B2 20010509; EP 0500147 A2 19920826; EP 0500147 A3 19921014; EP 0500147 B1 19960424; EP 0500147 B2 20010822; ES 2038054 T3 19930701; ES 2038054 T5 20010916; ES 2089283 T3 19961001; ES 2089283 T5 20020116; JP 2971132 B2 19991102; JP H04507147 A 19921210; KR 920701936 A 19920812; KR 960003396 B1 19960309; US 5329290 A 19940712

DOCDB simple family (application)
EP 9000466 W 19900321; AT 90904821 T 19900321; AT 92107715 T 19900321; DE 3915562 A 19890512; DE 59000902 T 19900321; DE 59010304 T 19900321; DK 90904821 T 19900321; DK 92107715 T 19900321; EP 90904821 A 19900321; EP 92107715 A 19900321; ES 90904821 T 19900321; ES 92107715 T 19900321; JP 50472790 A 19900321; KR 910700772 A 19910723; US 77392092 A 19920731