

Title (en)
Display control unite.

Title (de)
Anzeigesteuereinrichtung.

Title (fr)
Dispositif de commande d'affichage.

Publication
EP 0155499 A2 19850925 (EN)

Application
EP 85101561 A 19850213

Priority
JP 2878484 A 19840220

Abstract (en)
A display control unit (3) is disclosed which is able to change the processing form of a central processing unit (1) (CPU) for increased processing speeds. In this display control unit (3), when the execution time of its display operation is reduced by reading out data in a source area from a memory unit (4) and then writing the read-out data sequentially into a destination area, a predetermined period of time before the beginning of a vertical or horizontal retrace, the CPU(1) is interrupted so that the CPU (1) can omit its confirmation as to whether a video CPU has completed its previous processing. Also, in this display control unit (3), an updating processing of color specification in display data can be performed at increased speeds, only desired dots on a display screen (5) can be logically operated, a form or an object having a solid body on a transparent background within a source area can be transferred at higher speeds, and an expansion memory (111) can be used as a "kanji (chinese character)" ROM (pattern memory) or the like.

IPC 1-7
G06F 3/153; G09G 1/16

IPC 8 full level
G09G 5/39 (2006.01); **G09G 1/16** (2006.01); **G09G 5/00** (2006.01); **G09G 5/393** (2006.01); **G09G 5/24** (2006.01); **G09G 5/395** (2006.01)

CPC (source: EP)
G09G 5/001 (2013.01); **G09G 5/246** (2013.01); **G09G 5/393** (2013.01); **G09G 5/395** (2013.01); **G09G 2360/127** (2013.01)

Cited by
US7827424B2; GB2246935A; GB2246935B; GB2210239A; GB2210239B; US7800621B2; US8799685B2

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0155499 A2 19850925; EP 0155499 A3 19900912; EP 0155499 B1 19930107; CA 1228931 A 19871103; DE 3586954 D1 19930218; DE 3586954 T2 19930603; JP S60173580 A 19850906

DOCDB simple family (application)
EP 85101561 A 19850213; CA 474619 A 19850219; DE 3586954 T 19850213; JP 2878484 A 19840220