

Title (en)  
DISPLAY CONTROL UNITE

Publication  
**EP 0155499 B1 19930107 (EN)**

Application  
**EP 85101561 A 19850213**

Priority  
JP 2878484 A 19840220

Abstract (en)  
[origin: EP0155499A2] 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  
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CPC (source: EP)  
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Citation (examination)  
GB 2016757 A 19790926 - DATA GENERAL CORP

Cited by  
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