

Title (en)  
VIDEO RANDOM ACCESS MEMORY

Publication  
**EP 0462708 A3 19920422 (EN)**

Application  
**EP 91304736 A 19910524**

Priority  
US 54054690 A 19900619

Abstract (en)  
[origin: EP0462708A2] A Video Random Access Memory device wherein full and efficient use of a serial access memory portion provides a simple and efficient means of avoiding Mid-Line Reloads and Real-Time Data Transfers whereby selected parts of two different rows in a random access memory portion are transferred simultaneously to the serial access memory portion via addressable transfer gates under the control of address/control logic. <IMAGE>

IPC 1-7  
**G09G 1/16**; **G06F 12/02**

IPC 8 full level  
**G06F 12/04** (2006.01); **G06T 1/60** (2006.01); **G09G 5/39** (2006.01); **G11C 11/401** (2006.01)

CPC (source: EP)  
**G09G 5/39** (2013.01); **G09G 2360/126** (2013.01)

Citation (search report)

- [XD] US 4825411 A 19890425 - HAMANO HISANORI [JP]
- [XD] US 4855959 A 19890808 - KOBAYASHI SATORU [JP]
- [X] US 4688032 A 19870818 - SAITO MITSUO [JP], et al
- [XP] EP 0398510 A2 19901122 - IBM [US]
- [XP] EP 0427114 A2 19910515 - MICRON TECHNOLOGY INC [US]
- [X] WORLD PATENTS INDEX LATEST Week 8942, Derwent Publications Ltd., London, GB; AN 89-308298 ANONYMOUS: "Row addressable random access memory for video monitor storage, allows serial read-out to begin at arbitrary column location, while retaining column redundancy".
- [A] WORLD PATENTS INDEX LATEST Week 8942, Derwent Publications Ltd., London, GB; AN 89-308294 ANONYMOUS: "Continuous read row addressable random access memory- has data divided into segments that can be independently loaded into read-out shift register to provide long continuous data stream". EP 91304736030

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0462708 A2 19911227**; **EP 0462708 A3 19920422**; **EP 0462708 B1 19961127**; DE 69123291 D1 19970109; JP 2744854 B2 19980428; JP H04229485 A 19920818

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**EP 91304736 A 19910524**; DE 69123291 T 19910524; JP 11219591 A 19910418