

Title (en)

A CONTENT-ADDRESSABLE MEMORY SYSTEM

Publication

**EP 0321493 A4 19911121 (EN)**

Application

**EP 87905919 A 19870821**

Priority

- AU PH761886 A 19860822
- AU PH761986 A 19860822

Abstract (en)

[origin: WO8801411A1] A content-addressable memory system (62) for connection to a host computer (60) having a host memory (66, 68) storing a plurality of records and a host processor bus (72), the memory system (62) comprising: an index memory unit (74) for storing a bit map matrix representative of records stored in the host computer (60), the memory unit (74) being, in use, connected to the host processor bus (72) and addressable by the host computer (60); an index processor (76) for accessing bit maps stored in the memory unit (74) and performing bit map operations on bit maps, the index processor (76) being, in use, connected to the host processor bus (72) and controlled by the host computer (60); and a memory system bus (78) connected between the index memory unit (74) and the index processor (76), the bus (78) being adapted to pass bit maps between the memory unit (74) and the processor (76).

IPC 1-7

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IPC 8 full level

**G06F 12/02** (2006.01); **G06F 13/38** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP)

**G06F 16/90339** (2018.12)

Citation (search report)

- [AD] EP 0169005 A2 19860122 - TEXAS INSTRUMENTS INC [US]
- [AD] EP 0171934 A2 19860219 - TEXAS INSTRUMENTS INC [US]
- [AD] GB 1209999 A 19701028 - IBM [US]
- See references of WO 8801411A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 8801411 A1 19880225**; AU 595378 B2 19900329; AU 7918587 A 19880308; EP 0321493 A1 19890628; EP 0321493 A4 19911121

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