Title (en)

COMPUTER MEMORY ORGANIZATION

Title (de)

SPEICHERORGANISATION EINES RECHNERS

Title (fr)

ORGANISATION D'UNE MEMOIRE INFORMATIQUE

Publication

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Application

EP 98917012 A 19980319

Priority

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- EP 97400650 A 19970321
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- EP 97121741 A 19971210

Abstract (en)

[origin: EP0872798A1] In a memory in a computer system, a plurality of buffer zones are defined by a buffer management system. A command defines a number NP of pools of buffers in a public buffer zone, and for each pool, a pool size PS of the number of buffers in the pool and the size BS of the buffers in that pool. The buffer management system is initialized to store, for each buffer zone, the buffer sizes and to cumulate and store the pool sizes. To address a buffer, the buffer management system determines the address of the start of the buffer from the desired pool and buffer numbers, using the stored information. The buffer management system also defines a header at the beginning of each buffer. Checking for out-of-limits conditions can also be provided. Various private buffers zones, allocated to respective different clients, can be similarly defined. <IMAGE>

IPC 1-7

G06F 12/02

IPC 8 full level

G06F 9/445 (2006.01); **G06F 9/06** (2006.01); **G06F 9/46** (2006.01); **G06F 9/48** (2006.01); **G06F 11/00** (2006.01); **G06F 11/08** (2006.01); **G06F 11/10** (2006.01); **G06F 11/26** (2006.01); **G06F 11/28** (2006.01); **G06F 12/00** (2006.01); **G06F 12/02** (2006.01); **G06F 13/00** (2006.01); **G06F 13/10** (2006.01); **G06F 21/24** (2006.01); **G06K 17/00** (2006.01); **G06K 19/00** (2006.01); **G06K 19/07** (2006.01); **G06Q 20/00** (2012.01); **G06T 9/00** (2006.01); **G07F 7/00** (2006.01); **G07F 7/10** (2006.01); **G09C 1/00** (2006.01); **G11C 8/06** (2006.01); **G11C 16/02** (2006.01); **H04B 1/713** (2006.01); **H04H 20/02** (2008.01); **H04H 40/00** (2008.01); **H04L 1/00** (2006.01); **H04L 9/10** (2006.01); **H04L 9/32** (2006.01); **H04L 12/56** (2006.01); **H04L 13/08** (2006.01); **H04L 29/10** (2006.01); **H04N 5/00** (2011.01); **H04N 5/222** (2006.01); **H04N 5/455** (2006.01); **H04N 7/14** (2006.01); **H04N 7/16** (2011.01); **H04N 7/167** (2011.01); **H04N 7/173** (2011.01); **H04N 7/26** (2006.01); **H04N 7/66** (2006.01); **H04N 17/00** (2006.01); **H04N 17/04** (2006.01); **H04N 21/2543** (2011.01); **H04N 21/258** (2011.01); **H04N 21/426** (2011.01); **H04N 21/4367** (2011.01); **H04N 21/44** (2011.01); **H04N 21/442** (2011.01); **H04N 21/443** (2011.01); **H04N 21/462** (2011.01); **H04N 21/478** (2011.01); **H04N 21/4782** (2011.01); **H04N 21/81** (2011.01); G06F 11/14 (2006.01); H04N 5/44 (2011.01)

IPC 8 main group level

G06F (2006.01); **H04N** (2006.01)

CPC (source: EP KR)

G06F 9/4843 (2013.01 - EP); **G06F 11/10** (2013.01 - EP); **G06F 12/02** (2013.01 - KR); **G06F 12/023** (2013.01 - EP); **G06Q 20/04** (2013.01 - EP); **G06Q 20/341** (2013.01 - EP); **G06Q 20/357** (2013.01 - EP); **G06Q 20/40975** (2013.01 - EP); **G06T 9/007** (2013.01 - EP); **G07F 7/1008** (2013.01 - EP); **G07F 17/0014** (2013.01 - EP); **G11C 16/105** (2013.01 - EP); **H04N 7/163** (2013.01 - EP); **H04N 7/1675** (2013.01 - EP); **H04N 7/17309** (2013.01 - EP); **H04N 7/17318** (2013.01 - EP); **H04N 17/004** (2013.01 - EP); **H04N 21/2543** (2013.01 - EP); **H04N 21/258** (2013.01 - EP); **H04N 21/42692** (2013.01 - EP); **H04N 21/4367** (2013.01 - EP); **H04N 21/44004** (2013.01 - EP); **H04N 21/44236** (2013.01 - EP); **H04N 21/4437** (2013.01 - EP); **H04N 21/4622** (2013.01 - EP); **H04N 21/47805** (2013.01 - EP); **H04N 21/4782** (2013.01 - EP); **H04N 21/8166** (2013.01 - EP); G06F 11/1435 (2013.01 - EP); H04N 21/426 (2013.01 - EP)

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