Title (en)

SHADER COMPLEX WITH DISTRIBUTED LEVEL ONE CACHE SYSTEM AND CENTRALIZED LEVEL TWO CACHE

Title (de)

SCHATTIERERKOMPLEX MIT EINEM VERTEILTEN LEVEL-ONE-CACHE-SYSTEM UND ZENTRALISIERTEM LEVEL-TWO-CACHE

Title (fr)

NUANCEUR COMPLEXE AVEC SYSTÈME DE MÉMOIRE CACHE DE NIVEAU 1 RÉPARTI ET MÉMOIRE CACHE DE NIVEAU 2 CENTRALISÉE

Publication

EP 2294571 A1 20110316 (EN)

Application

EP 09755282 A 20090601

Priority

- US 2009003317 W 20090601
- US 5749208 P 20080530

Abstract (en)

[origin: WO2009145919A1] A shader pipe texture filter utilizes a level one cache system as a primary method of storage but with the ability to have the level one cache system read and write to a level two cache system when necessary. The level one cache system communicates with the level two cache system via a wide channel memory bus. In addition, the level one cache system can be configured to support dual shader pipe texture filters while maintaining access to the level two cache system. A method utilizing a level one cache system as a primary method of storage with the ability to have the level one cache system read and write a level two cache system when necessary is also presented. In addition, level one cache systems can allocate a defined area of memory to be sharable amongst other resources.

IPC 8 full level

G09G 5/36 (2006.01); **G06F 12/08** (2006.01); **G06F 12/0811** (2016.01); **G06F 12/084** (2016.01); **G06F 12/0875** (2016.01); **G06T 1/60** (2006.01); **G06T 15/00** (2011.01)

CPC (source: EP)

G06F 12/0811 (2013.01); **G06F 12/084** (2013.01); **G06F 12/0875** (2013.01); **G06T 1/60** (2013.01); **G06T 15/005** (2013.01); G06F 2212/302 (2013.01); G06F 2212/455 (2013.01); G09G 5/363 (2013.01); G09G 2360/121 (2013.01)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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