Title (en)

METHOD AND SYSTEM FOR RESOURCE MANAGEMENT IN A VIDEO ON-DEMAND SERVER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR RESSOURCENVERWALTUNG BEI EINEM VIDEO-AUF-ANFRAGE-SERVER

Title (fr)

PROCEDE ET SYSTEME DE GESTION DE RESSOURCES DANS UN SERVEUR DE VIDEO A LA DEMANDE

Publication

EP 1761864 A4 20070919 (EN)

Application

EP 05757201 A 20050601

Priority

- US 2005019293 W 20050601
- US 57640204 P 20040601

Abstract (en)

[origin: WO2005119490A2] An on-demand server configured to dynamically control and optimize memory utilization while minimizing access to disk storage by monitoring content addressable memory (CAM) usage so as to remove the content from resident CAM memory and page the same adaptively and to eliminate creating separate files for trick playback of content streamed to a customer. The method and system dynamically uses the current concurrency count of the contents to optimize memory utilization so as to swap content in and out of memory as the concurrency values change in conjunction with an on-demand memory based server to provided advantages of optimizing the usage of server resources.

IPC 8 full level

H04L 29/06 (2006.01); **G06F 15/16** (2006.01); **H04L 29/08** (2006.01); G11C 15/00 (2006.01)

CPC (source: EP)

H04L 65/612 (2022.05); **H04L 67/1097** (2013.01); **H04L 67/5682** (2022.05); **H04L 67/61** (2022.05); G11C 15/00 (2013.01)

Citation (search report)

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- [X] EP 1313285 A2 20030521 - MITSUBISHI ELECTRIC CORP [JP]
- [X] TAVANAPONG W ET AL: "Video caching network for on-demand video streaming", GLOBECOM'02. 2002 - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. CONFERENCE PROCEEDINGS. TAIPEI, TAIWAN, NOV. 17 - 21, 2002, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3, 17 November 2002 (2002-11-17), pages 1723 - 1727, XP010636438, ISBN: 0-7803-7632-3
- See references of WO 2005119490A2

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