

Title (en)
SYSTEM AND PROCESS FOR DELIVERY OF CONTENT OVER A NETWORK

Title (de)
SYSTEM UND PROZESS ZUM ABLIEFERN VON INHALT ÜBER EIN NETZWERK

Title (fr)
SYSTEME ET PROCEDE DE DISTRIBUTION DE CONTENU SUR UN RESEAU

Publication
EP 1277101 A4 20050720 (EN)

Application
EP 01928403 A 20010406

Priority

- US 0111452 W 20010406
- US 19587000 P 20000407
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Abstract (en)
[origin: WO0177783A2] Network systems and processes for delivery of electronic content to recipient processors may be configured to facilitate the delivery of a relatively large content items and/or a relatively large number of content items. In one example, a movie rental system and process delivers (downloads) movie files to customers across the Internet (10). System network architecture includes three or more layers of servers, including a main server (12) supporting an interface for recipient processors to request content items, a plurality of parent servers (14), and a plurality of edge servers (16). Edge servers are distributed throughout a region in which the system provides content delivery services to recipient processors. Parent servers, spaced across the service region, support edge servers. A copy of each content item available through the service is distributed from the main server to each parent server for storage. Parent servers distribute content to edge servers, pursuant to instructions from the main server or requests from the edge servers. The main server receives requests for content items from recipient processors and directs recipient processors to edge servers for obtaining requested content items. The main server also authenticates licenses and publishes rules for the distribution of content items.

IPC 1-7
G06F 1/00; **G06F 17/30**; **H04N 7/173**

IPC 8 full level
G06F 13/00 (2006.01); **G06F 17/30** (2006.01); **G06F 21/10** (2013.01); **G06Q 10/00** (2012.01); **G06Q 30/00** (2012.01); **H04L 9/08** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04N 5/765** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01); **H04N 7/173** (2011.01)

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Citation (search report)

- [X] US 5956716 A 19990921 - KENNER BRIAN [US], et al
- [XA] US 5898456 A 19990427 - WAHL STEFAN [DE]
- [A] US 5734719 A 19980331 - TSEVDOS JAMES T [US], et al

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