

Title (en)
ONLINE DIGITAL VIDEO SIGNAL TRANSFER APPARATUS AND METHOD

Title (de)
ONLINE-DIGITAL-VIDEOSIGNALTRANSFERVORRICHTUNG UND VERFAHREN

Title (fr)
APPAREIL ET PROCEDE DE TRANSFERT DE SIGNAL VIDEO NUMERIQUE EN LIGNE

Publication
EP 1279277 A4 20050713 (EN)

Application
EP 01924721 A 20010405

Priority
• US 0111124 W 20010405
• US 19587000 P 20000407
• US 60380500 A 20000626

Abstract (en)
[origin: WO017778A2] The present invention overcomes the problems in the existing art described above by providing an online digital video signal transfer apparatus and method. Rental of the digital video signals occurs within an online environment including one or more client computers and at least one network server connected by a communications link to the one or more client computers. The method includes providing access to an online catalog stored within a memory of a network video server computer. The online catalog includes information regarding digital video signals available for rental from the network server computer. Requests are then received from client computers for rental of digital video signals selected from the online catalog for a specified period of time. The requests include electronic payment based on the selected digital video signal and the specified period of time. Once electronic payment is provided, the digital video signal is transmitted to the client computer via communications link. Once transmitted, the digital video signal is viewable by a user of the client computer during the specified period of time. Advantages of the invention include the ability to rent motion pictures without having to provide additional monies for purchase of the motion pictures. In addition, the present invention provides an interface that simulates the actual rental of motion pictures within a video rental store. Moreover, during the specified period of rental, the user is allowed to view the motion pictures as many times as desired, thereby simulating the actual rental of video cassettes or DVDs of feature length motion pictures.
[origin: WO017778A2] A method and apparatus (100) for rental of the digital video online providing access to an online catalog stored within a memory of a network video server computer (130A-130N). Requests are received from client computers (102A-102N) for rental of digital video signals selected from the online catalog for a specified period of time. Once electronic payment from client is provided, the digital video signal is transmitted to the client computer via communications link (120). The digital video signal is viewable by a user of the client computer during the specified period of time.

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

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

CPC (source: EP KR US)
G06F 21/10 (2013.01 - EP US); **G06Q 10/10** (2013.01 - EP); **G06Q 30/02** (2013.01 - KR); **G06Q 30/06** (2013.01 - EP KR); **H04L 63/0428** (2013.01 - EP); **H04L 63/12** (2013.01 - EP); **H04N 7/17318** (2013.01 - EP); **H04N 21/23473** (2013.01 - EP); **H04N 21/2541** (2013.01 - EP); **H04N 21/2543** (2013.01 - EP); **H04N 21/26609** (2013.01 - EP); **H04N 21/4627** (2013.01 - EP); **H04N 21/47211** (2013.01 - EP); **H04N 21/4755** (2013.01 - EP); **H04N 21/482** (2013.01 - EP); **H04N 21/6334** (2013.01 - EP); **H04N 21/8355** (2013.01 - EP); **H04N 21/8549** (2013.01 - KR); **G06F 2221/2137** (2013.01 - EP); **H04L 2463/101** (2013.01 - EP); **H04L 2463/102** (2013.01 - EP)

Citation (search report)
• [X] US 5956716 A 19990921 - KENNER BRIAN [US], et al
• [PX] US 6055314 A 20000425 - SPIES TERENCE R [US], et al
• [A] US 5619247 A 19970408 - RUSSO JAMES [US]
• [A] BERRA P B ET AL: "ARCHITECTURE FOR DISTRIBUTED MULTIMEDIA DATABASE SYSTEMS", COMPUTER COMMUNICATIONS, ELSEVIER SCIENCE PUBLISHERS BV, AMSTERDAM, NL, vol. 13, no. 4, 1 May 1990 (1990-05-01), pages 217 - 231, XP000126283, ISSN: 0140-3664
• [A] LITTLE T D C ET AL: "PROSPECTS FOR INTERACTIVE VIDEO-ON-DEMAND", IEEE MULTIMEDIA, IEEE COMPUTER SOCIETY, US, vol. 1, no. 3, 21 September 1994 (1994-09-21), pages 14 - 24, XP000476885, ISSN: 1070-986X

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0177778 A2 20011018; **WO 0177778 A3 20020321**; AU 2001251322 B2 20060112; AU 5132201 A 20011023; AU 5135001 A 20011023; CA 2405492 A1 20011018; CA 2405536 A1 20011018; EP 1277100 A2 20030122; EP 1277100 A4 20050427; EP 1279277 A2 20030129; EP 1279277 A4 20050713; HK 1052999 A1 20031003; HK 1053032 A1 20031003; JP 2003530742 A 20031014; JP 2003530778 A 20031014; KR 20030007504 A 20030123; WO 0178367 A2 20011018; WO 0178367 A3 20020704

DOCDB simple family (application)
US 0111050 W 20010405; AU 2001251322 A 20010405; AU 5132201 A 20010405; AU 5135001 A 20010405; CA 2405492 A 20010405; CA 2405536 A 20010405; EP 01924691 A 20010405; EP 01924721 A 20010405; HK 03105265 A 20030722; HK 03105268 A 20030722; JP 2001574567 A 20010405; JP 2001575696 A 20010405; KR 20027013421 A 20021007; US 0111124 W 20010405