

Title (en)  
SECURE MULTIMEDIA COMMUNICATIONS SYSTEM

Title (de)  
SICHERES MULTIMEDIA-KOMMUNIKATIONSSYSTEM

Title (fr)  
SYSTEME SUR DE TELECOMMUNICATIONS MULTIMEDIA

Publication  
**EP 1303985 A4 20090304 (EN)**

Application  
**EP 01920373 A 20010315**

Priority  
• US 0108208 W 20010315  
• US 21260200 P 20000619

Abstract (en)  
[origin: WO0199423A1] A system and method for securely communicating multimedia information. The system includes a headend system (11), one or more distribution systems (12) and multiple customer interface devices (14). The headend (11) receives multimedia information signals from one or more content sources and user authorization information corresponding to multiple end users, combines the multimedia information signals into a composite signal and generates a secure headend output signal. The signal distribution systems (12) include a signal splitter for dividing the headend output signal into a plurality of service signals, several signal decoders for converting the service signals into modulated channel signals if authorized by the user authorization information and several output interfaces for combining the modulated channel signals into a composite user signal. Each customer interface device (14) receives a corresponding composite user signal, and divides and demodulates the signal into end user signals for use by the end user.

IPC 1-7  
**H04N 7/167**

IPC 8 full level  
**H04N 5/00** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01); **H04N 7/10** (2006.01); **H04N 7/173** (2006.01)

CPC (source: EP)  
**H04N 7/106** (2013.01); **H04N 7/17318** (2013.01); **H04N 21/2143** (2013.01); **H04N 21/2221** (2013.01); **H04N 21/2383** (2013.01); **H04N 21/2393** (2013.01)

Citation (search report)  
• [X] WO 0014962 A1 20000316 - ASVAN TECHNOLOGIES LLC [US]  
• [A] WO 9836581 A2 19980820 - LODGENET ENTERTAINMENT CORP [US]  
• [A] WO 9638002 A1 19961128 - BELLSOUTH CORP [US]  
• See references of WO 0199423A1

Citation (examination)  
SAHASRABUDDHE L.H.; MUKHERJEE B.: "MULTICAST ROUTING ALGORITHMS AND PROTOCOLS: A TUTORIAL", IEEE NETWORK, vol. 14, no. 1, 1 January 2000 (2000-01-01), IEEE SERVICE CENTER, NEW YORK, NY, US, pages 90 - 102, XP001195293

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 0199423 A1 20011227**; AU 2001247432 B2 20060119; AU 4743201 A 20020102; CN 1192624 C 20050309; CN 1448024 A 20031008; EP 1303985 A1 20030423; EP 1303985 A4 20090304; JP 2004501579 A 20040115

DOCDB simple family (application)  
**US 0108208 W 20010315**; AU 2001247432 A 20010315; AU 4743201 A 20010315; CN 01814358 A 20010315; EP 01920373 A 20010315; JP 2002504143 A 20010315