

Title (en)  
MULTIMEDIA ARCHIVE DESCRIPTION SCHEME

Title (de)  
MULTIMEDIA ARCHIVBESCHREIBUNGSSYSTEM

Title (fr)  
SCHEMA DE DESCRIPTION D'ARCHIVES MULTIMEDIA

Publication  
**EP 1151398 A4 20040414 (EN)**

Application  
**EP 00915716 A 20000201**

Priority  
• US 0002488 W 20000201  
• US 11802099 P 19990201  
• US 11802699 P 19990201  
• US 11802799 P 19990201  
• US 14232799 P 19990703

Abstract (en)  
[origin: WO0045307A1] A multimedia archive description scheme is provided for characterizing a multimedia archive having records and associated record descriptions. The multimedia archive description scheme provides a data structure which relates records by similarity measures. The principle data structure in the multimedia archive description scheme is a cluster (100). A cluster includes one or more attributes of the records in the archive and can include one or more cluster relationships (110). Cluster attributes (105) can include feature space attributes, semantic attributes, media attributes and meta attributes of the records in the archive. The cluster relationships (110) can relate records to clusters or clusters to clusters. Cluster relationships can include feature space (syntactic) relationships, semantic relationships, media relationships and meta relationships. The multimedia archive description scheme provides an efficient form for describing a collection of records.

IPC 1-7  
**G06F 17/30**

IPC 8 full level  
**G06F 12/00** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP US)  
**G06F 16/40** (2018.12 - EP); **G06F 16/45** (2018.12 - US); **G06F 16/51** (2018.12 - EP)

Citation (search report)  
• [X] SHEIKHOESLAMI G ET AL: "SEMANTIC CLUSTERING AND QUERYING ON HETEROGENEOUS FEATURES FOR VISUAL DATA", PROCEEDINGS OF THE ACM MULTIMEDIA 98. MM '98. BRISTOL, SEPT. 12 - 16, 1998, ACM INTERNATIONAL MULTIMEDIA CONFERENCE, NEW YORK, NY: ACM, US, vol. CONF. 6, 12 September 1998 (1998-09-12), pages 3 - 12, XP000977482, ISBN: 1-58113-036-8  
• [X] G. SALTON, A. WONG: "Generation and search of clustered files", ACM TRANSACTIONS ON DATABASE SYSTEMS, vol. 3, no. 4, - December 1978 (1978-12-01), pages 321 - 346, XP002269456, Retrieved from the Internet <URL:http://delivery.acm.org/10.1145/330000/320291/p321-salton.pdf?key1=320291&key2=8533806701&coll=portal&dl=ACM&CFID=2181828&CFTOKEN=68827537> [retrieved on 20040206]  
• [A] PAK S ET AL: "SELF-DESCRIBING SCHEMES FOR INTEROPERABLE MPEG-7 MULTIMEDIA CONTENT DESCRIPTIONS", PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 3653, January 1999 (1999-01-01), pages 1518 - 1530, XP000863358, ISSN: 0277-786X  
• See references of WO 0045307A1

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

DOCDB simple family (publication)  
**WO 0045307 A1 20000803**; **WO 0045307 A9 20011227**; AU 3694300 A 20000818; CN 1241140 C 20060208; CN 1364267 A 20020814; EP 1151398 A1 20011107; EP 1151398 A4 20040414; HK 1048866 A1 20030417; JP 2002537591 A 20021105; KR 100706820 B1 20070411; KR 20020006663 A 20020124; MX PA01007725 A 20030624

DOCDB simple family (application)  
**US 0002488 W 20000201**; AU 3694300 A 20000201; CN 00806016 A 20000201; EP 00915716 A 20000201; HK 03100981 A 20030211; JP 2000596495 A 20000201; KR 20017009668 A 20010731; MX PA01007725 A 20000201