

Title (en)

METHOD AND SYSTEM FOR CLIENT-SERVER INTERACTION IN INTERACTIVE COMMUNICATIONS

Title (de)

VERFAHREN UND SYSTEM ZUR KUNDENSER-INTERAKTION IN INTERAKTIVEN KOMMUNIKATIONEN

Title (fr)

PROCEDE ET SYSTEME D'INTERACTION ENTRE CLIENT ET SERVEUR DANS DES COMMUNICATIONS INTERACTIVES

Publication

**EP 1049984 A4 20030917 (EN)**

Application

**EP 99904489 A 19990129**

Priority

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- US 7320398 P 19980130

Abstract (en)

[origin: WO9939272A1] In an interactive communication system based on MPEG-4, Command descriptors along with Command Route nodes or Server Routes in the scene description can be used to support application-specific interactivity. Content selection can be supported by specifying the presentation in command parameters, with the command ID indicating that the command is a content selection command. An initial scene can be created with several images and with text that describes a presentation associated with an image. Associated with each image and the corresponding text is a content selection descriptor. When a user clicks on an image, the client transmits the command containing the selected presentation and the server starts a new presentation. The technique can be used in any application context, as generally as HTTP and CGI can be used to implement any server-based application functionality.

IPC 1-7

**G06F 13/00**; **G06F 13/14**; **H04N 7/24**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [YA] US 5621892 A 19970415 - COOK COLIN [US]
- [A] US 5671225 A 19970923 - HOOPER DONALD F [US], et al
- [PX] A. ELEFTHERIADIS, H. KALVA: "Use of CommandDescriptor and CommandROUTES to Support User Interaction", INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ISO/IEC JTC1/SC29/WG11 (M3506), 13 March 1998 (1998-03-13), XP002248351, Retrieved from the Internet <URL:http://mpeg.telecomitalia.com> [retrieved on 20030718]
- [YA] ELEFTHEDIADIS A ET AL: "TEXT FOR CD 14496-1 SYSTEMS", ISO/IEC JTC1/SC29/WG11 N1901, XX, XX, 21 November 1997 (1997-11-21), pages 1,I - XV,1-206, XP001014301
- [A] H. KALVA, A. ELEFTHERIADIS: "MPEG-4 Interaction Model and Required Normative Support", INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ISO/IEC JTC1/SC29/WG11 (M2888), 21 October 1997 (1997-10-21), XP002248352, Retrieved from the Internet <URL:http://mpeg.telecomitalia.com> [retrieved on 20030718]
- See references of WO 9939272A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DOCDB simple family (application)

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