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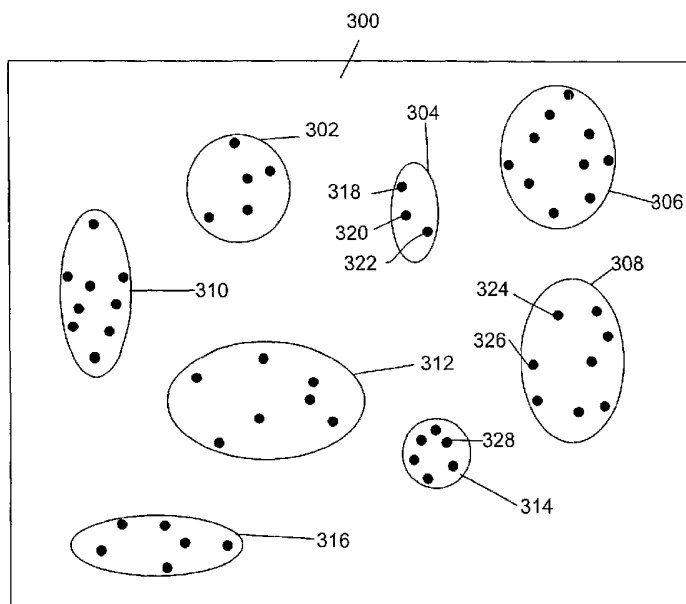
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[Continued on next page]

(54) Title: UNIT FOR AND METHOD OF DETECTION A CONTENT PROPERTY IN A SEQUENCE OF VIDEO IMAGES



(57) Abstract: A method of detection of a content property in a data stream on basis of low-level features is proposed. The method comprises: determining (202) a behavior feature (e.g. 320) from a sequence of the low-level features; determining (204) to which one of the predetermined clusters (304) of behavior features (318-328) within a behavior feature space (300) the determined behavior feature (320) belongs; determining a confidence level of the content property presence on basis of the determined cluster (304) of behavior features and the determined behavior feature; and detecting the content property on basis of the confidence level of the content property presence.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LI D ET AL: "Classification of general audio data for content-based retrieval" PATTERN RECOGNITION LETTERS, NORTH-HOLLAND PUBL. AMSTERDAM, NL, vol. 22, no. 5, April 2001 (2001-04), pages 533-544, XP004233004 ISSN: 0167-8655 page 535 -page 539 figures 2-4 --- -/--	1-13,17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHANG T ET AL: "Audio content analysis for online audiovisual data segmentation and classification" IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, IEEE INC. NEW YORK, US, vol. 9, no. 4, May 2001 (2001-05), pages 441-457, XP001164214 ISSN: 1063-6676 page 443, left-hand column, line 21 -page 444, right-hand column, line 40 page 450, left-hand column, line 9 -page 451, right-hand column, line 7 figure 1	1-13,17
X	PIIRAINEN T ET AL: "Layered self-organizing maps based video content classification" PROCEEDINGS OF 12TH SCANDINAVIAN CONFERENCE ON IMAGE ANALYSIS, PROCEEDINGS OF SCIA 2001 SCANDINAVIAN CONFERENCE ON IMAGE ANALYSIS, BERGEN, NORWAY, 11-14 JUNE 2001, pages 595-599, XP008030923 2001, Stavanger, Norway, Norwegian Soc. Image Process. & Pattern Recognition, Norway ISBN: 82-995940-0-6 page 595, right-hand column, line 18 -page 597, right-hand column figures 2,6	1-8, 13-17
X	EP 0 938 054 A (SIEMENS CORP RES INC) 25 August 1999 (1999-08-25) paragraphs '0036!,'0047!-'0049!	1-4, 13-17

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