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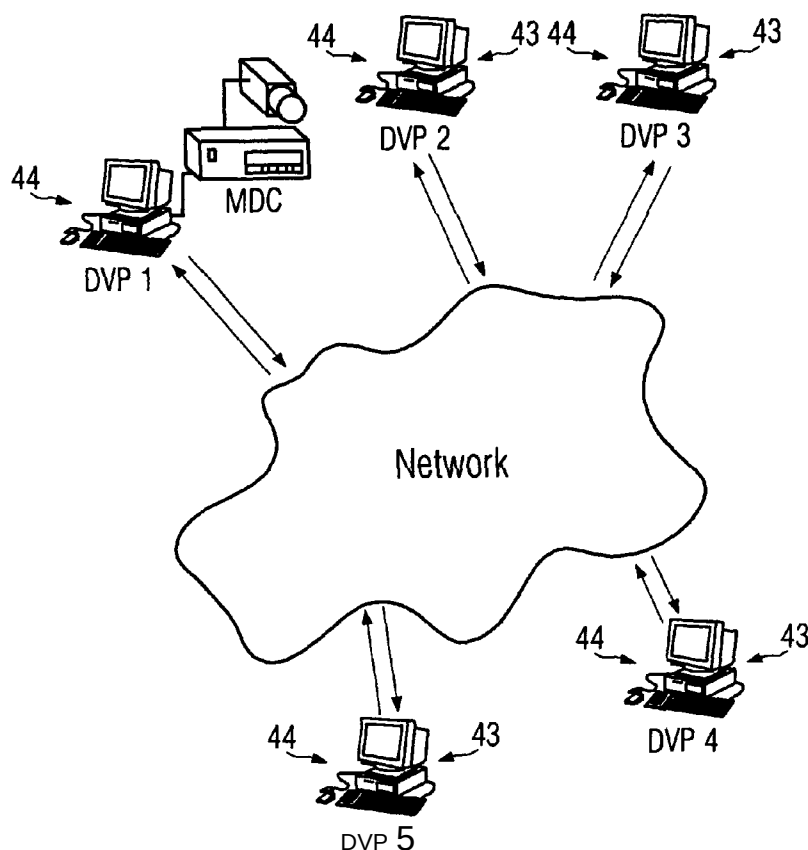
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[Continued on next page]

(54) Title: A COMMUNICATION SYSTEM FOR VIDEO DATA AND A METHOD FOR DISTRIBUTING VIDEO DATA OVER A NETWORK



(57) Abstract: According to the present invention there is provided a communication system for video data, said system comprising a "Multiple Description Coding" (MDC) system, adapted to generate, for each frame or slice of a video sequence, at least one "Primary Slice Description" (PSD) (21) and one or more "Redundant Slice Description" (RSD) (22), said system being further adapted to interlace said plurality of PSD and RSD descriptions, so as to generate a corresponding plurality of "Video Descriptions" (VDs) adapted to be transmitted to a plurality of clients and/or users of a communication network over a plurality of communication paths.

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European (AT, BE, BG, CH, CY, CZ, DE, **DK**, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical search terms used)

EPO-Internal , INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	WANG D ET AL: "Slice group based multiple description video coding using motion vector estimation" IMAGE PROCESSING, 2004. ICIP '04. 2004 INTERNATIONAL CONFERENCE ON SINGAPORE 24-27 OCT. 2004, PISCATAWAY, NJ, USA ₅ IEEE, 24 October 2004 (2004-10-24), pages 3237-3240, XP010786487 ISBN: 0-7803-8554-3	1-3
Y	page 3237, paragraph 1 - page 3238, paragraph 2 ----- -/-	4-32

☒ Further documents are listed in the continuation of Box C

☐ See patent family annex

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

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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.
Y	"Advanced video coding for generic audiovisual services" ITU-T STANDARD PRE-PUBLISHED (P), INTERNATIONAL TELECOMMUNICATION UNION, GENEVA,, CH, no. H264 3/5, 1 March 2005 (2005-03-01), XP017401453 page 9, paragraph 3.109 page 19, paragraph 3.117 page 3, paragraph 0.6.1 page 79	4-32
A	APOSTOLOPOULOS J ET AL: "On multiple description streaming with content delivery networks" PROCEEDINGS IEEE INFOCOM 2002. THE CONFERENCE ON COMPUTER COMMUNICATIONS. 21ST. ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. NEW YORK, NY, JUNE 23 - 27, 2002, PROCEEDINGS IEEE INFOCOM. THE CONFERENCE ON COMPUTER COMMUNICATIONS, vol. VOL. 1 OF 3. CONF. 21, 23 June 2002 (2002-06-23), pages 1736-1745, XP010593742 ISBN: 0-7803-7476-2 abstract page 1736 - page 1738	1-32
A	PADMANABHAN V N ET AL: "DISTRIBUTING STREAMING MEDIA CONTENT USING COOPERATIVE NETWORKING" PROCEEDINGS OF THE 12TH. INTERNATIONAL WORKSHOP ON NETWORK AND OPERATING SYSTEMS SUPPORT FOR DIGITAL AUDIO AND VIDEO. NOSSDAV 2002. MIAMI, FL, MAY 12 - 14, 2002, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON NETWORK AND OPERATING SYSTEMS SUPPORT FOR DI, 12 May 2002 (2002-05-12), pages 177-186, XP001171549 ISBN: 1-58113-512-2 page 1 - page 2	1-32