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[Continued on next page]

(54) Title: IMAGE DATA REFORMATTING

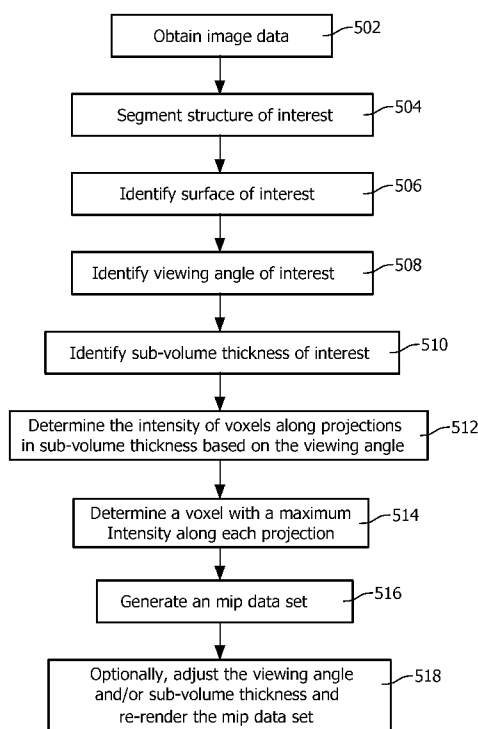


FIG. 5

(57) Abstract: A method for reformatting image data includes obtaining volumetric image data indicative of an anatomical structure of interest, identifying a surface of interest of the anatomical structure of interest in the volumetric image data, identifying a thickness for a sub-volume of interest of the volumetric image data, shaping the sub-volume of interest such that at least one of its sides follows the surface of interest, and generating, via a processor, a maximum intensity projection (MIP) or direct volume rendering (DVR) based on the identified surface of interest and the shaped sub-volume of interest.



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
G06T

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)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RAMAN R ET AL: "Curved-Slab Maximum Intensity Projection: Method and Evaluation", RADIOLOGY, RADIOLOGICAL SOCIETY OF NORTH AMERICA, OAK BROOK, IL, US, vol. 229, no. 1, 1 October 2003 (2003-10-01), pages 255-260, XP002617966, ISSN: 0033-8419, DOI: 10.1148/RADIOLOGY.2291020370 [retrieved on 2003-08-27] abstract page 255 - page 256 ----- -/--	1-13, 16-20



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"E" earlier document but published on or after the international filing date

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INTERNATIONAL SEARCH REPORT

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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.
A	H. RINGL ET AL: "The Skull Unfolded: A Cranial CT Visualization Algorithm for Fast and Easy Detection of Skull Fractures", RADIOLOGY, vol. 255, no. 2, 23 March 2010 (2010-03-23), pages 553-562, XP55013821, ISSN: 0033-8419, DOI: 10.1148/radiol.10091096 abstract page 555 - page 556; figure 1 -----	1-20
A	M. FERENCIK ET AL: "Diagnostic Accuracy of Image Postprocessing Methods for the Detection of Coronary Artery Stenoses by Using Multidetector CT", RADIOLOGY, vol. 243, no. 3, 1 June 2007 (2007-06-01), pages 696-702, XP55013824, ISSN: 0033-8419, DOI: 10.1148/radiol.2433060080 abstract -----	1-20