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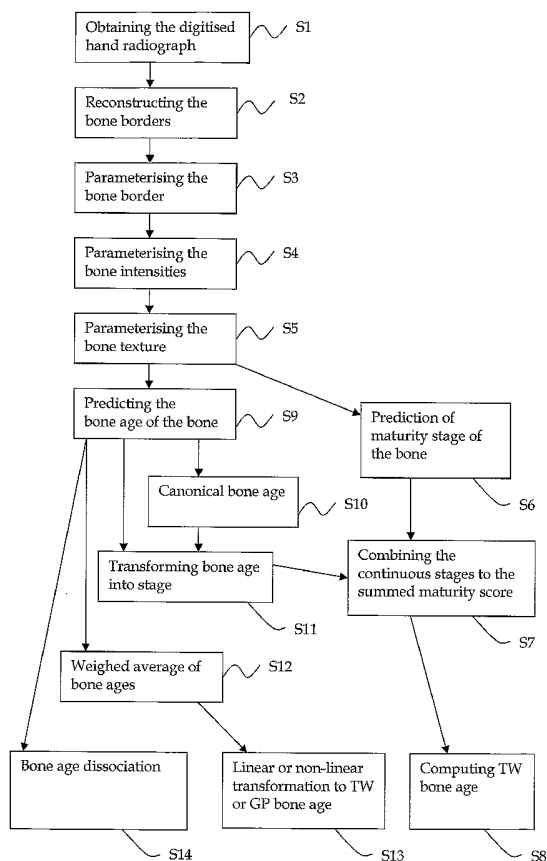
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(54) Title: METHOD FOR SKELETAL MATURITY DETERMINATION



(57) Abstract: The invention is a method for estimating a skeletal maturity value of a human from a radiograph of one or more bones in the hand. The borders of the bones are represented by shape points, which are subjected to principal component analysis (PCA). Image intensities are sampled at points located relative to the shape point, and also compressed with PCA. From the features a skeletal maturity value is determined.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61B6/00

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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.
A	NIEMEIJER M ET AL: "Assessing the skeletal age from a hand radiograph: automating the Tanner-Whitehouse method" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 5032, 2003, pages 1197-1205, XP002403634 ISSN: 0277-786X the whole document ----- -/--	1-13

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

☒ See patent family annex.

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- *E* earlier document but published on or after the international filing date
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- *&* document member of the same patent family

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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.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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