Abstract: An X-ray stand comprising a generally arcuate swing arm (10) on which is provided an X-ray tube (15) in a stationary housing (14) and an X-ray detector (16). The detector (16) is hingedly mounted via a smaller arm (20) to the swing arm (10), so as to enable the smaller arm (20) to pivot relative to the upper end of the swing arm (10). The detector plate (16) is mounted to the free end of the smaller arm (20) by means of a joint (22) which enables the detector plate (16) to be pivoted relative to the smaller arm (20). In addition, the X-ray tube (15) is mounted on a pivotal carriage (15a) within the housing (14) such that it can be relatively tilted, and the carriage (15a) in or on which the X-ray tube (15) is provided is mounted within the housing (14) on a sliding mechanism (30) which permits the selective rotational movement of the X-ray tube (15) within the housing (14). Thus, because the detector (16) and X-ray tube (15) can be moved in a substantially vertical direction relative to the patient (24) the maximum achievable jaw size (28) is increased without a significant increase in the size of the stand.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B6/00 H05G1/02
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): A61B H05G

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

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

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Relevant to claim No</th>
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D. Further documents are listed in the continuation of Box C

See patent family annex

X

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search 8 February 2007

Date of mailing of the international search report 21/02/2007

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Bernas, Yves

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<tr>
<td>US 6428206 B1</td>
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