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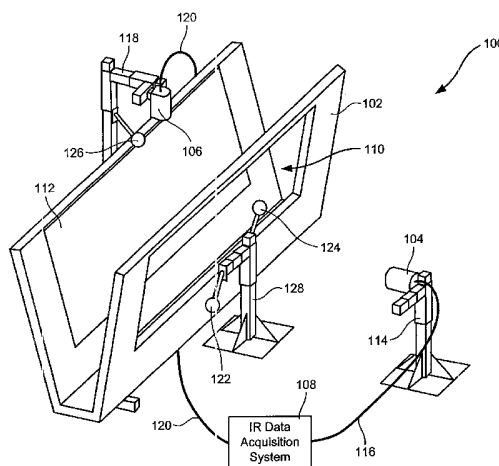
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(54) Title: SYSTEM AND METHOD FOR OBTAINING ANIMAL AND CARCASS MEASUREMENTS



(57) Abstract: A system (100) for calculating one or more dimensions of an animal. The system (100) comprises at least three fiducial reference points (122, 124 and 126), each having different X, Y, and Z coordinates in 3-dimensional space. In addition, the system (100) further comprises at least two sensors (104 and 106) for obtaining dimensional measurements of the fiducial reference points (122, 124 and 126) and the animal from at least two different fields of view. In one embodiment, the at least two different fields of view are at least a side view and a top view. The system (100) also comprises a processing system (108) configured to receive the dimensional measurements from the at least two sensors (104 and 106) and calculate one or more dimensions of the animal by relating positions of animal features to known locations of the fiducial reference points. The system (100) also may create and measure a 3-dimensional image of the animal.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01K 29/00

US CL : 119/174

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)

U.S. : 119/174

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 practicable, search terms used)

APS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ✓	US 5,644,643 A (SCOFIELD et al) 1 July 1997 (1.07.1997), see entire patent.	1-20
Y ✓	US 5,576,949 A (SCOFIELD et al) 19 November 1996 (19.11.1996), see entire patent.	1-20

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

☐ See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
"B"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"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)	"&"	document member of the same patent family
"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		

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