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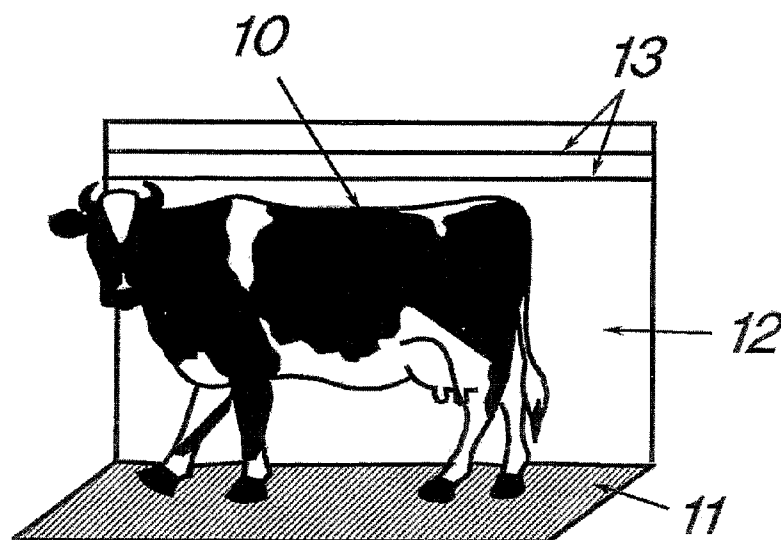
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[Continued on next page]

(54) Title: A METHOD AND A SYSTEM FOR MEASURING AN ANIMAL'S HEIGHT



(57) Abstract: A method and a system for measuring animal's height is disclosed. The method, and the system as well, is comprised of the following steps allowing the animal to pass through a passage (18) with measurement-references, capturing plurality of images (14) of the animal while the animal (10) is passing, on each image of the captured images applying the following steps: filtering the background from the image, applying imaging-process technique on the lower area of the measuring-image to recognize the location of the legs, defining a vertical slice of the measuring-image, in which the back's contour of the animal from neck to tail appears and applying imaging processing and mathematical calculations to obtain the real height, as defined of the animal.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 382/103,106,162,168,172,181,189,203,232,254 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)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,576,949 A (SCOFIELD et al) 19 November 1996 Entire document	1-27
A	US 5,644,643 A (SCOFIELD et al) 1, July, 1997 Entire document	1-27
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