

Title (en)

DEVICE AND METHOD FOR ANALYZING FAT OF MEAT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR FETTANALYSE VON FLEISCH

Title (fr)

PROCEDE ET DISPOSITIF POUR ANALYSER LA TENEUR EN GRAISSES DE VIANDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02052257A2] The invention relates to a device and method for continuously determining the fat content of meat.

[origin: WO02052257A2] The invention relates to a device and method for continuously determining the fat content of meat. To this end, a conveyor belt is used on which the pieces of meat to be examined are advanced past a radiation source serving as a fat analyzing means. The attenuation of an X-ray beam emitted from the radiation source is preferably measured by a detector in order to determine the fat content. A weighing device, preferably a belt weigher, continuously determines the weight of the quantity of meat located on the conveyor belt at the time of the measurement. In addition to enabling the calculation of the measured relative fat content of the meat, this makes it possible to also calculate the absolute fat content. The invention also relates to a method for automatically setting a defined fat content in a mixer, whereby the examined meat is transferred from the conveyor belt and into the mixer. The accumulated fat content in the mixer is calculated, compared with a set value, and the conveyor belt is loaded with lean or fatty meat according to the result of this calculation.

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