

Title (en)

AUTOMATIC DETERMINATION OF MILK QUALITY

Title (de)

AUTOMATISCHE BESTIMMUNG DER MILCHQUALITÄT

Title (fr)

DÉTERMINATION AUTOMATIQUE DE LA QUALITÉ DU LAIT

Publication

**EP 2572181 A1 20130327 (EN)**

Application

**EP 11724303 A 20110511**

Priority

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Abstract (en)

[origin: WO2011146001A1] A cell counter unit (130) determines a quality parameter reflecting a somatic cell concentration in a milk sample. The cell counter unit (130) includes: a cavity (225) for temporarily storing the milk sample and image registration means (227) for capturing image data (Dimg) representing milk in the cavity (225). For each milk sample, the image registration means (227) captures first and second images. The first image represents the milk sample in the cavity (225) at a first pressure level and the second image represents the same sample at a second pressure level. Pressure control means (330) vary the pressure level in the cavity (225) between said images. A processor means (230) correlates image data in the first image with image data in the second image to discriminate any gas bubbles from somatic cells the milk sample, and based thereon the processor means (230) determines the quality parameter.

IPC 8 full level

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