

Title (en)

METHOD AND DEVICE FOR EVALUATING THE EFFICIENCY OF A RUMINANT FEED RATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR EFFIZIENZBEWERTUNG EINER FUTTERRATION FÜR WIEDERKÄUER

Title (fr)

PROCÉDÉ ET DISPOSITIF D'EVALUATION DE L'EFFICACITE D'UNE RATION ALIMENTAIRE DE RUMINANT

Publication

**EP 2732282 A1 20140521 (FR)**

Application

**EP 12734914 A 20120706**

Priority

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- EP 2012063225 W 20120706

Abstract (en)

[origin: WO2013007625A1] The invention relates to a method for evaluating the "efficiency of a feed ration" of a dairy ruminant, said "efficiency" being defined as the ratio between "excretion", i.e. all of the components of interest in the milk produced per day, expressed as weight, and "ingestion", i.e. all of the organic and mineral components of the ration ingested per day, expressed as weight. The method is characterised in that it comprises the following steps consisting in: a) taking a milk sample, analysing the sample and, for said sample, defining at least one of the following indicators, namely b1) "milk efficiency indicator EL", b2) "protein efficiency indicator EP", b3) "rumination indicator IRU", b4) "ration health indicator IS"; and c) calculating the "efficiency of the feed ration ERA" according to the following relationship:  $ERA = (w \cdot EL + x \cdot EP + y \cdot IRU + z \cdot IS) + t$ . The invention also relates to the corresponding device.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2013007625A1

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