

Title (en)
SYSTEM FOR PRECISION MINERAL SUPPLEMENTATION OF ANIMALS

Title (de)
SYSTEM ZUR PRÄZISEN MINERALERGÄNZUNG VON TIEREN

Title (fr)
SYSTÈME DE SUPPLÉMENTATION PRÉCISE EN MINÉRAUX POUR ANIMAUX

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Abstract (en)
[origin: WO2020020423A1] A system for precision mineral supplementation of animals, such as dairy cows, where the system comprises software for managing and supervising the system, electronic components and dosing aggregates, and mineral feeders for placing inside livestock houses. The system also comprises one or more feeders (1) which feeders (1) comprises a feeder body with a superior positioned integrated feed container (19), a top lid (7), an in-built fodder trough (21), a protective frame (22) and a double wall front flap (3) where the front flap is designed with a hollow between its double walls, wherein an antenna (16), an accelerometer (15) and a slave unit (14) are positioned in a protected way, which front flap (3) in its maximally opened position (20) hits a slanted part of a wall of the integrated feed container (19), shaking the feed container (19) and its content of mineral feed supplements and thus prevent clogging of the supplements, which typically are hygroscopic. A method for operating the precision supplementation system is also disclosed.

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