



Computer Vision-Based Feeding Monitoring And Method Therefor

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The Invention

Aspects of this innovation by UW researchers are directed to methods and apparatuses involving the characterization of livestock feeding functions. As may be implemented as or with one or more embodiments herein, networked cameras are configured to capture images of a livestock feed area and machine-vision logic circuitry characterizes, based on the captured images, an amount of available feed and the presence of livestock in the livestock feed area depicted in the captured image over time. Feed-control logic circuitry may assign time-based condition values each respective feed area characterized by the cameras based on the characterized amount of available feed and the characterized presence of livestock provided via the machine-vision logic circuitry. An instruction characterizing the presentation of feed in the feed area may be output based on the assigned time-based condition values and a current time. Such an output may be used to control the presentation amount, timing and/or other feeding characteristics.

Additional Information

For More Information About the Inventors

- [Guilherme Rosa](#)
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Tech Fields

- [Animals, Agriculture & Food : General agriculture technologies](#)

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