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(54) Title: IMAGE LABELLING SYSTEM AND METHOD THEREFOR

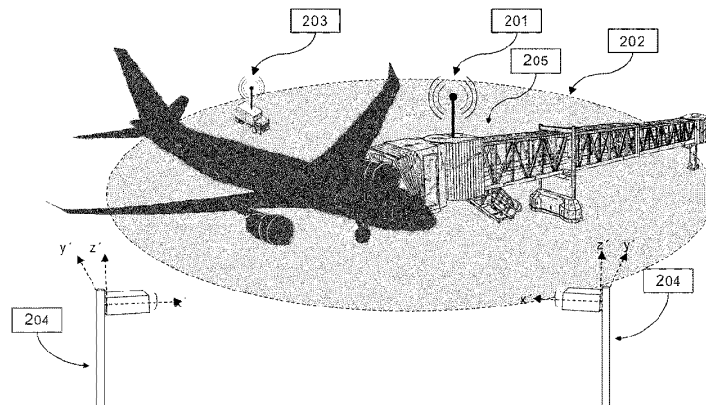


Figure 2

(57) Abstract: A system for generating a labelled dataset is provided. The system comprises processing means configured to: receive first data wherein the first data comprises one or more frames and wherein the first data comprises data defining an object of interest (203) within a predetermined area (202); receive second data wherein the second data is associated with the object of interest within the predetermined area; analyse the one or more frames of the first data to identify, based on the second data, the object of interest present in the first data; label the one or more frames of the first data based on the analysis to generate a labelled dataset; and output the labelled dataset. Also provided is a method for generating a labelled dataset, a system for training a machine learning model, and a detection system for detecting one or more objects of interest.

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