CLAIMS

1. A method for filtering images for an image hosting server comprising:
implementing a machine-learning model trained to generate vector representations for input images;
generating vector representations of prohibited images by processing each image of a set of prohibited images by the machine-learning model;
receiving an image;
generating a vector representation for the image by processing the image by the machine-learning model; and
accepting the image for the image hosting server if the distance of its vector representation to the vector representations of prohibited images is above a predetermined threshold.

2. The method of claim 1, comprising rejecting the image for the image hosting server if the distance of its vector representation to the vector representations of prohibited images is below the predetermined threshold.

3. The method of claim 1 or 2, comprising publishing the image by the image hosting server if it has been accepted.

4. The method of any one of claims 1 to 3, wherein the prohibited images of the set of prohibited images are at least one of images published previously by the image hosting server, copyright-protected images, images not owned by a user from which the image was received and images already hosted by the image hosting server.

5. The method of any one of claims 1 to 4, comprising verifying that the image is not prohibited based on metadata of the image and accepting the image for the image hosting only if it is not prohibited.

6. The method of any one of claims 1 to 5, comprising verifying that the image is not prohibited by verifying that the image is not watermarked and accepting the image for the image hosting only if it is not prohibited.

7. The method of any one of claims 1 to 6, comprising training the machine-learning model to generate vector representations for input images.

8. The method of claim 7, comprising implementing the machine-learning model by base model followed by a head model, wherein the base model is pre-trained and training the machine-learning model comprises training the head model from a training data set comprising training images specific for a domain of images of which the prohibited set of images comprises images.

9. The method of claim 8, wherein the domain of images is food images or product images.

10. The method of claim 8, wherein the base model is trained for images also including images other than the domain of images of which the prohibited set of images comprises images.

11. An image hosting server configured to perform the method of any one of claims 1 to 10.

12. A computer program element comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 10.

13. A computer-readable medium comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 10.