Claims

1. A product indexing method comprising

receiving product data of a product, the product data comprising at least an image, wherein the image comprises a product image of the product and a context image which provides the context that the product is in, wherein the context image comprises at least one non-product image;

identifying the product image;

identifying the context image from the image;

verifying the product in the product image based on the context image;

extracting the product image;

indexing the product image; and

identifying a viewpoint of the product in the product image.

2. The product indexing method of claim 1, further comprising orientating the product image to match a pre-defined viewpoint of the product image.

3. The product indexing method of claim 2, wherein the pre-defined viewpoint of the product image is defined by the product category.

4. The product indexing method of any one of claims 1 to 3, further comprising generating an another viewpoint of the product.

5. The product indexing method of claim 4 wherein the another viewpoint is generated based on a pre-defined viewpoint of the product by the product category.

6. The product indexing method of any one of claims 1 to 5, wherein indexing the product image comprises indexing the viewpoint and/or another viewpoint of the product image.

7. A product indexing system comprising:

a server configured to receive product data of a product, the product data comprising at least an image, wherein the image comprises a product image of the product and a context

image which provides the context that the product is in, wherein the context image comprises at least one non-product image;

a product identification module configured to identify the product image;

a context identification module configured to identify the context image in the image;

a verification module configured to verify the product image based on the context image;

an extraction module configured to extract the product image from the image;

an indexing module configured to select and index the product image; and

a viewpoint managing module configured to perform at least one of the following: identify a viewpoint of the product image, generate an another viewpoint of the product or orientate the product image to match a pre-defined viewpoint of the product image.

8. The product indexing system of claim 7, wherein the product category comprises pre-define viewpoints, wherein viewpoint managing module is configured to generate and/or orientate a viewpoint of the product based on the pre-defined viewpoints of the product category.

9. The product indexing system of claim 7 or 8, further comprising a viewpoint indexing module configured to index the viewpoint and/or another viewpoint of the product image.