Claims

1. A device for detecting on a bag (100),visual characteristics capable of distinguishing it from another bag, the device comprising a bag support and at least one acquisition member for acquiring images of the bag along at least two shooting directions that are inclined relative to each other, the acquisition member being connected to an image processing computer unit (2) programmed to control the acquisition member and to extract characteristics representative of the baggage from the images, the acquisition member comprising at least two optical sensors (3.1, 3.2, 4.1, 4.2) connected to the image processing computer unit (2) and each mounted on a post (5.1, 5.2) at different heights, the posts being separate and diametrically opposite on either side of a center of the support.

2. A device according to claim 1, comprising two optical sensors (3.1, 4.1, 3.2, 4.2) on each post (5.1, 5.2), the two optical sensors being sensitive to different wavelength ranges.

3. A device according to claim 2, wherein each post (5.1, 5.2) carries an optical sensor (3.1, 4.1) that is sensitive in particular to infrared radiation, and an optical sensor (3.2, 4.2) that is sensitive in particular to visible radiation.

4. A device according to any one of claims 1 to 3, wherein the acquisition member comprises four optical sensors connected to the image processing computer unit (2) and each mounted on a respective post (5.1, 5.2), the posts being uniformly distributed around the support.

5. A device according to any preceding claim, wherein the image acquisition member comprises two cameras arranged to provide stereoscopic vision.

6. A device according to claim 5, including an emitter (6.1, 6.2) for emitting a structured light beam.

7. A device according to any preceding claim, including at least one lamp (7.1, 7.2) for illuminating the support.