

ABSTRACT**BAGGAGE IDENTIFICATION METHOD**

Method for identifying a non-identified baggage item based on: an acquisition of at least two images of the non-identified baggage of different types, the type of one image of a baggage
5 item dependant on a point of view on said baggage in said image and/or on a nature of the data representing said baggage in said image taken among a plurality of different natures of data comprising data representing the visible range and/or infrared data and/or data representing three-dimensional information; and, for each different type of image, on a use of a neural network suited to said type for classifying the baggage represented by said image in a class in a plurality
10 of baggage classes defined for said type. Once obtained, the classes make it possible to seek baggage corresponding to each class identified in a baggage database, each baggage item in said database being associated with an addressee of the baggage. Each corresponding baggage item is next compared with the non-identified baggage in order to identify the addressee.

Figure 4