

Title (en)

A METHOD FOR SORTING OBJECTS TRAVELLING ON A CONVEYOR BELT

Title (de)

VERFAHREN ZUM SORTIEREN VON AUF EINEM FÖRDERBAND BEWEGTEN OBJEKTEN

Title (fr)

PROCÉDÉ DE TRI D'OBJETS SE DÉPLAÇANT SUR UNE BANDE TRANSPORTEUSE

Publication

**EP 3838427 A1 20210623 (EN)**

Application

**EP 19218995 A 20191220**

Priority

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Abstract (en)

The present invention relates to a method for sorting objects, the method includes at least one imaging sensor and a controller comprising a processor and a memory storage, wherein the controller receives image data captured by the at least one imaging sensor; and at least one sorting robot is coupled to the controller, wherein the at least one sorting robot is configured to receive an actuation signal from the controller. The processor executes an object identification module configured to detect objects travelling on a conveyor belt and recognize at least one target item travelling on the conveyor belt by processing the image data and to determine an expected time when the at least one target item will be located within a diversion path of the sorting robot; and wherein the controller selectively generates the actuation signal based on whether a sensed object detected in the image data comprise the at least one target item.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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