

Title (en)

ELECTRONIC GOODS SEPARATION TECHNOLOGY

Title (de)

ELEKTRONISCHE WARENTRENNTTECHNIK

Title (fr)

TECHNOLOGIE DE SÉPARATION DE MARCHANDISES ÉLECTRONIQUES

Publication

EP 3953914 B1 20240508 (DE)

Application

EP 21717787 A 20210401

Priority

- EP 2021058681 W 20210401
- DE 202020101876 U 20200406

Abstract (en)

[origin: WO2021204692A1] The invention relates to an electronic goods separation device (10) or a system consisting of a plurality of goods separation devices (10) connected to one another for separating goods (11) of different customers on a goods transport belt (12). The invention solves the problem of providing improved goods separation technology by specifying a goods separation device (10) for projecting an information image (14) onto a moving goods transport belt (12), wherein the goods separation device (10) comprises a detection device (15) having a LIDAR sensor and/or a radar sensor and/or an ultrasound sensor for detecting one or more goods separation points (7) and further comprises a projection device (13) for projecting one or more information images (14, 14') onto the goods transport belt (12) at a detected goods separation point (7). The invention further relates to a goods separation method for the optically perceivable separation of goods (11, 11') on a goods transport belt (12).

IPC 8 full level

G07G 1/00 (2006.01); **B65G 15/00** (2006.01); **G07G 1/01** (2006.01)

CPC (source: EP)

G07G 1/0018 (2013.01); **G07G 1/01** (2013.01)

Citation (examination)

DE 10235865 A1 20040226 - GIDEROGLU SENOL [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202020101876 U1 20210713; EP 3953914 A1 20220216; EP 3953914 B1 20240508; WO 2021204692 A1 20211014

DOCDB simple family (application)

DE 202020101876 U 20200406; EP 2021058681 W 20210401; EP 21717787 A 20210401