

Title (en)

METHOD AND APPARATUS FOR SORTING ARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SORTIEREN VON ARTIKELN

Title (fr)

PROCÉDÉ ET APPAREIL POUR TRIER DES ARTICLES

Publication

EP 2150942 B1 20160511 (EN)

Application

EP 08737064 A 20080422

Priority

- GB 2008001407 W 20080422
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- US 93558307 P 20070820

Abstract (en)

[origin: WO2008129293A1] A method of sorting a plurality of articles is disclosed, and an apparatus for carrying out the method. The method comprises the steps of detecting one or more characteristics of each article; sorting any articles whose detected characteristics meet a first set of predetermined criteria to a first destination; sorting any other articles to a second destination; determining both whether any of the articles sorted to the second destination have detected characteristics which meet a second set of predetermined criteria and whether any of the articles sorted to the second destination have detected characteristics which do not meet a second set of predetermined criteria; the second destination contains one or more articles with detected characteristics that meet the second set of predetermined criteria and one or more articles with detected characteristics that do not meet the second set of predetermined criteria, as determined in the previous step, if sorting any articles from the second destination whose detected characteristics meet the second set of predetermined criteria to a third destination; and sorting any other articles from the second destination to a fourth destination.

IPC 8 full level

G07D 11/00 (2006.01)

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G07D 11/32 (2018.12 - EP); **G07D 11/50** (2018.12 - EP KR); **G07D 11/60** (2018.12 - EP US); **G07D 2211/00** (2013.01 - KR)

Citation (opposition)

Opponent : Giesecke & Devrient GmbH

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- US 6507769 B2 20030114 - URATA KEN [JP], et al
- DE 3412726 A1 19841011 - TOKYO SHIBAURA ELECTRIC CO [JP]
- EUROPEAN CENTRAL BANK, RECYCLING OF EURO BANKNOTES: FRAMEWORK FOR THE DETECTION OF COUNTERFEITS AND FITNESS SORTING BY CREDIT INSTITUTIONS AND OTHER PROFESSIONAL CASH HANDLERS, 2005, pages 1 - 10, XP055354011

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

GB 2008001407 W 20080422; CN 200880020716 A 20080422; EP 08737064 A 20080422; ES 08737064 T 20080422; JP 2010504822 A 20080422; KR 20097024363 A 20080422; KR 20157020675 A 20080422; KR 20167033299 A 20080422; TW 97115014 A 20080424