

Title (en)

Method and device for sorting objects

Title (de)

Vorrichtung und Verfahren zum Sortieren von Gegenständen

Title (fr)

Dispositif et procédé de tri d'objets

Publication

EP 2322290 A3 20110817 (DE)

Application

EP 10190947 A 20101112

Priority

DE 102009053051 A 20091116

Abstract (en)

[origin: EP2322290A2] The device (10) has a buffer device (30) arranged above an intermediate storage (60) such that a set of articles (20a) among articles (20) in buffer storage positions (40, 40a) is dropped into an intermediate storage position (70a). Collecting containers (80, 80b) are inactive during a sorting operation. The containers are arranged below the storage such that allocation of the articles at the individual inactive containers is taken place by movement of the intermediate storage positions or the articles in the intermediate storage positions are dropped into one of the inactive containers. An independent claim is also included for a method for sorting articles.

IPC 8 full level

B07C 3/02 (2006.01)

CPC (source: EP US)

B07C 3/02 (2013.01 - EP US)

Citation (search report)

- [X] US 3573748 A 19710406 - HOLME WILLIAM M
- [A] US 3300066 A 19670124 - SEYMOUR HENIG, et al

Cited by

EP4122849A1; US9174246B2; WO2013079236A1; US11607711B2; WO2021202692A1

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

Designated extension state (EPC)

BA ME BA ME

DOCDB simple family (publication)

EP 2322290 A2 20110518; EP 2322290 A3 20110817; DE 102009053051 A1 20110526; US 2011119414 A1 20110519; US 8230141 B2 20120724

DOCDB simple family (application)

EP 10190947 A 20101112; DE 102009053051 A 20091116; US 94726110 A 20101116