

Title (en)

FLEXIBLE METHOD FOR SORTING BY ANTICIPATED PREPARATION OF DISTRIBUTION OF OBJECTS TO BE SORTED

Title (de)

VERFAHREN ZUR FLEXIBLEN SORTIERUNG DURCH VORAUSSCHAUENDE VORBEREITUNG DER VERTEILUNG DER ZU SORTIERENDEN OBJEKTE

Title (fr)

PROCÉDÉ DE TRI RENDU FLEXIBLE PAR LA PRÉPARATION ANTICIPÉE DE LA RÉPARTITION DES OBJETS À TRIER

Publication

EP 3702051 B1 20210623 (FR)

Application

EP 20157996 A 20200218

Priority

FR 1902051 A 20190228

Abstract (en)

[origin: US2020276615A1] A method of sorting articles by means of a sorting system comprising N sorting machines (M1, MN) operating in parallel, in which method the articles are divided into N groups (G1, GN) of articles to be processed in parallel on the N sorting machines, at least one of the N groups of articles is subdivided into sub-groups of articles (G1.1, G1.N-1), and, if it is detected that one of the N machines is being rested, then the method comprises the steps of: feeding the N-1 other sorting machines with the sub-groups of articles from said subdivided group of articles and sorting these sub-groups of articles in parallel on the N-1 other sorting machines; and feeding the N-1 other sorting machines with the N-1 other groups of articles and sorting these N-1 groups of articles in parallel on said N-1 other sorting machines.

IPC 8 full level

B07C 3/02 (2006.01); **B07C 3/00** (2006.01)

CPC (source: EP US)

B07C 1/02 (2013.01 - US); **B07C 3/00** (2013.01 - EP); **B07C 3/02** (2013.01 - EP)

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)

EP 3702051 A1 20200902; EP 3702051 B1 20210623; FR 3093294 A1 20200904; FR 3093294 B1 20210129; US 11192143 B2 20211207; US 2020276615 A1 20200903

DOCDB simple family (application)

EP 20157996 A 20200218; FR 1902051 A 20190228; US 202016804438 A 20200228