

Title (en)

Sorting system and method using a portable device

Title (de)

Sortiersystem und -verfahren mittels tragbarer Vorrichtung

Title (fr)

Système et procédé de tri utilisant un dispositif portable

Publication

EP 2335838 A1 20110622 (EN)

Application

EP 09179953 A 20091218

Priority

EP 09179953 A 20091218

Abstract (en)

The invention relates to a system (1) for sorting and shipping objects (4) comprising multiple terminals (2) each assigned to a certain shipping destination, a sorting station (3) to forward the objects (4) to one of the terminals (2) and a portable device (5, 5a, 5b) to assist the forwarding of the objects (4), wherein the portable device (5, 5a, 5b) comprise a reading unit (51) for receiving shipping information (41) from the object (4), a linking unit (52) with a re-writable memory (53) storing a list of the terminals (2) and the assigned shipping destination, where the linking unit (52) is suitable to provide at least one sorting information (54) by correlating the received shipping information (41) to at least one terminal (2), and a display unit (55) for displaying the sorting information (54) to the operator (6) using this portable device (5, 5a, 5b) to forward the object from the sorting station to the terminal, where the sorting information (54) comprise at least one terminal (2) to which the object (4) has to be forwarded. The invention further relates to a method to operate such a system (1).

IPC 8 full level

B07C 7/00 (2006.01)

CPC (source: EP)

B07C 7/005 (2013.01)

Citation (search report)

[A] US 2001052544 A1 20011220 - NISHITANI HIROYUKI [JP], et al

Cited by

CN115069613A; US11461729B2; US12033107B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2335838 A1 20110622; EP 2335838 B1 20120926; WO 2011073131 A1 20110623

DOCDB simple family (application)

EP 09179953 A 20091218; EP 2010069490 W 20101213