

Title (en)
PROCESS FOR SORTING DISTRIBUTION SEQUENCES

Title (de)
VERFAHREN ZUR VERTEILREIHENFOLGESORTIERUNG

Title (fr)
PROCEDE DE TRI SEQUENTIEL DE DISTRIBUTION

Publication
EP 0948416 B1 20011128 (DE)

Application
EP 97924984 A 19970524

Priority
• DE 19625007 A 19960622
• EP 9702668 W 19970524

Abstract (en)
[origin: DE19625007A1] The invention relates to a process for sorting distribution sequences on a despatch sorting machine, in which each despatch is arranged in a distribution sequence according to its read and recognised address code, where sorting takes place in several cycles in accordance with the number and size of the available sorting compartments and the sequence requirements. According to the invention, in order to avoid being faced with full compartments, after the recognition of all the despatches' address codes, with one or more full compartments, one or more compartment combinations for one distribution stop are found by iterative search steps taking account of all the compartments available for sorting and all possible distribution stops, while retaining the predetermined despatch sequence, where said combinations are formed by characteristic numbers of the compartments during the passages and which are capable of accepting despatches for distribution at the distribution stop concerned.

IPC 1-7
B07C 3/02

IPC 8 full level
B07C 3/08 (2006.01); **B07C 3/02** (2006.01)

CPC (source: EP US)
B07C 3/02 (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP US)

Cited by
DE102010012069A1; DE102007004133A1; DE102007031315A1; DE102008062843A1; US9669429B2; DE10303976A1; DE102008015313A1; DE102008017191A1; DE102008062841A1; US8108424B2; DE102008004655A1; DE102008017188A1; EP2226130A1; DE102009011428A1; US7855349B2; DE102008015075A1; DE102008017185A1; EP2366464A1; DE102008017187A1; DE102007058579A1; EP2679316A2; DE102008017189A1; DE102008058843A1; DE102007057985A1; DE102008017186A1; EP2332664A1; DE102009056422A1; DE102008017140A1; DE102008007009A1; DE102008017190A1; US8050794B2; US9323998B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 19625007 A1 19980102; **DE 19625007 C2 20000302**; DE 59705590 D1 20020110; EP 0948416 A1 19991013; EP 0948416 B1 20011128; JP 2000512546 A 20000926; JP 3986562 B2 20071003; US 6703574 B1 20040309; WO 9749502 A1 19971231

DOCDB simple family (application)
DE 19625007 A 19960622; DE 59705590 T 19970524; EP 9702668 W 19970524; EP 97924984 A 19970524; JP 50216898 A 19970524; US 20290399 A 19991001