

Title (en)

METHOD AND MACHINE FOR PREPARING POSTMAN'S ROUTE IN ONE SINGLE PASS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SORTIEREN NACH GANGREIHENFOLGE IN EINEM EINZIGEN UMLAUF

Title (fr)

PROCEDE ET MACHINE POUR LA PREPARATION DE LA TOURNÉE DU FACTEUR EN UNE SEULE PASSE

Publication

**EP 1521645 A1 20050413 (FR)**

Application

**EP 03750787 A 20030701**

Priority

- FR 0302033 W 20030701
- FR 0208307 A 20020703

Abstract (en)

[origin: US7165377B2] In order to be able to prepare a postman's walk containing both letters (L) and "large format" flat postal objects (P) in a single pass: the letters and the large format objects are moved in series using a conveyor ( 3 ) over the bins of a bin carousel ( 4 ) that is stationary, with the successive bins of the carousel corresponding to different successive delivery points in the postman's walk; each letter or large format object on the conveyor is directed towards that one of the bins of the carousel which corresponds to the delivery point for the letter or large format object; and when all of the letters and large format objects of the postman's walk have been grouped together by delivery points in the bins of carousel, the bin carousel is set into motion in order to bring each bin in succession to a location ( 5 ) where the bin is emptied into a receptacle.

IPC 1-7

**B07C 3/04**; **B07C 3/08**

IPC 8 full level

**B31B 27/60** (2006.01); **B07C 3/04** (2006.01); **B07C 3/06** (2006.01); **B07C 3/08** (2006.01); **B65B 51/10** (2006.01); **B65C 1/02** (2006.01)

CPC (source: EP US)

**B07C 3/04** (2013.01 - EP US); **B07C 3/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2004004931A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2004261366 A1 20041230**; **US 7165377 B2 20070123**; AT E359131 T1 20070515; AU 2003269008 A1 20040123; CA 2487375 A1 20040115; CA 2487375 C 20090915; DE 60313175 D1 20070524; DE 60313175 T2 20071220; EP 1521645 A1 20050413; EP 1521645 B1 20070411; ES 2280778 T3 20070916; FR 2841801 A1 20040109; FR 2841801 B1 20040820; JP 2005531404 A 20051020; JP 4440097 B2 20100324; WO 2004004931 A1 20040115

DOCDB simple family (application)

**US 47517303 A 20031017**; AT 03750787 T 20030701; AU 2003269008 A 20030701; CA 2487375 A 20030701; DE 60313175 T 20030701; EP 03750787 A 20030701; ES 03750787 T 20030701; FR 0208307 A 20020703; FR 0302033 W 20030701; JP 2004518856 A 20030701