

Title (en)  
METHOD AND DEVICE FOR DISTRIBUTING PACKAGES AND OTHERS SIMILAR DISPATCHED ARTICLES

Title (de)  
VERFAHREN UND EINRICHTUNG ZUM VERTEILEN VON PAKETEN O. DGL. BEFÖRDERUNGSGÜTERN

Title (fr)  
PROCEDE ET DISPOSITIF DE REPARTITION DE COLIS OU D'AUTRES ARTICLES SIMILAIRES ACHEMINES

Publication  
**EP 1615730 A1 20060118 (DE)**

Application  
**EP 04727897 A 20040416**

Priority  
• EP 2004004105 W 20040416  
• DE 10317855 A 20030416

Abstract (en)  
[origin: WO2004091813A1] The invention relates to a method for distributing packages and other similar dispatched articles consisting in detecting the packages dispatched between private and/or commercial shippers and addressees at collection points. The packages are provided with electronically detectable acquisition data at a collection point and, afterwards are distributed and/or delivered by means of corresponding transport vehicles. According to said invention, the collected packages are sent to a HUB-centre where the respective package codes are updated with data on package dimensions (length, width height, weight) in such a way that a route code is formed. Said package route codes for all packages are transmitted to a central computer and the packages are arranged in a given order according to distribution areas and the route program which is dynamically optimised by the central computer. The package priority and the corresponding sorting of route codes are taken over by a vehicle and packages are distributed to addressees according to an automatically controlled dispatching order.

IPC 1-7  
**B07C 3/00**

IPC 8 full level  
**B07C 3/00** (2006.01)

CPC (source: EP US)  
**B07C 3/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004091813A1

Citation (third parties)  
Third party :  
• EP 1036602 A2 20000920 - HITACHI LTD [JP]  
• EP 1298552 A1 20030402 - SIEMENS DEMATIC AG [DE]

Cited by  
CN105929740A; DE102021111125A1; EP2827289A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004091813 A1 20041028; WO 2004091813 A8 20041229;** AT E500904 T1 20110315; AU 2004230263 A1 20041028; AU 2004230263 B2 20090305; CN 100569387 C 20091216; CN 1791475 A 20060621; DE 10317855 A1 20041118; DE 502004012288 D1 20110421; DK 1615730 T3 20110606; EP 1615730 A1 20060118; EP 1615730 B1 20110309; ES 2362659 T3 20110711; JP 2006523589 A 20061019; PL 1615730 T3 20110729; PT 1615730 E 20110616; RU 2005135457 A 20060610; RU 2337768 C2 20081110; US 2007062851 A1 20070322; US 9162257 B2 20151020

DOCDB simple family (application)  
**EP 2004004105 W 20040416;** AT 04727897 T 20040416; AU 2004230263 A 20040416; CN 200480013255 A 20040416; DE 10317855 A 20030416; DE 502004012288 T 20040416; DK 04727897 T 20040416; EP 04727897 A 20040416; ES 04727897 T 20040416; JP 2006505179 A 20040416; PL 04727897 T 20040416; PT 04727897 T 20040416; RU 2005135457 A 20040416; US 55329204 A 20040416