

Title (en)

METHOD AND APPARATUS FOR DISPENSING AND COLLECTING TROLLEYS, ESPECIALLY SHOPPING AND LUGGAGE TROLLEYS

Publication

**EP 0231934 A3 19880831 (DE)**

Application

**EP 87101440 A 19870203**

Priority

DE 3603619 A 19860206

Abstract (en)

[origin: EP0231934A2] The invention describes a method and apparatus (1) for dispensing and collecting trolleys (2) especially shopping or luggage trolleys. The particular feature of this invention is that the coin deposit to be paid for dispensing of the trolley (2) is reimbursed upon the return of the trolley (2) to a collecting point (6) only when a central key (17) provided at the collecting point (6) acts on the coupling part (4) of the returned trolley (2). <IMAGE>

IPC 1-7

**G07F 7/06**

IPC 8 full level

**A47F 10/04** (2006.01); **G07F 7/06** (2006.01)

CPC (source: EP)

**A47F 10/045** (2013.01); **G07F 7/0627** (2013.01); **G07F 7/0636** (2013.01)

Citation (search report)

- [A] EP 0070997 A2 19830209 - WIETH FRANZ [DE], et al
- [A] DE 2900367 A1 19790726 - ABACCO INSTALLATION APS
- [A] DE 2704236 A1 19770825 - SCHWIZER AG K
- [A] DE 2941732 A1 19810423 - MANSS FA AUGUST [DE]
- [A] DE 3303076 A1 19840802 - WANZL KG RUDOLF [DE]
- [A] DE 2725530 A1 19781214 - BOSCH GMBH ROBERT
- [A] EP 0136715 A2 19850410 - RICOUARD L A S SA [FR]

Cited by

EP0643372A1; FR2691702A1; FR2753357A1; EP0513661A1; EP0421101A1; EP0598142A1; US5328013A; EP0947965A3; WO9812673A1; WO9507518A1; EP0258624B1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0231934 A2 19870812; EP 0231934 A3 19880831; EP 0231934 B1 19910508**; DE 3603619 A1 19870813; DE 3769805 D1 19910613

DOCDB simple family (application)

**EP 87101440 A 19870203**; DE 3603619 A 19860206; DE 3769805 T 19870203