Title (en)

METHOD AND APPARATUS FOR CONTROLLING THE DELATCHING OF STACKED TROLLEYS

Publication

EP 0247632 B1 19920311 (DE)

Application

EP 87107844 A 19870529

Priority

- DE 3618111 A 19860530
- DE 3623569 A 19860712

Abstract (en)

[origin: EP0247632A2] In this method, when a coin or token has been inserted in a coin or token receptacle provided on each trolley, firstly the position of this trolley in a line formed from trolleys which are latched together is established based on the position of the adjacent trolleys. This means that it is established whether the trolley is at the beginning, at the end or in an intermediate position. Depending on the position established of the trolley, into which a coin or token has been introduced, a decision is then made as to whether the respective trolley can be delatched or removed towards the front, i.e. in the direction of the front region provided for accommodating goods, or towards the rear, i.e. in the opposite direction. In the apparatus for carrying out the method, of two separate coupling elements of a coupling apparatus which can be activated dependently or independently of one another, in which the one coupling element is aligned towards the front region of the trolley and the other coupling element towards the rear region of the trolley, upon actuation of a release mechanism only the coupling element located opposite the free, i.e. not coupled coupling element, can be activated. Thus only one trolley coupled at the end of a line of trolleys can be uncoupled towards the front or towards the rear, whereas a trolley which is properly coupled in an intermediate position cannot be uncoupled and thus an orderly line cannot be separated.

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G07F 7/06

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Cited by

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