

Title (en)

APPARATUS FOR SORTING ALTERNATELY THE PURCHASED PRODUCTS INTO ONE OF THE TWO AREAS OF THE USUALLY SPLAYED END PART OF A CHECKOUT COUNTER

Title (de)

VORRICHTUNG ZUR ABWECHSELNDEN EINORDNUNG ERWORBENER PRODUKTE IN EINEN VON ZWEI BEREICHEN DES NORMALERWEISE GESPREIZTEN ENDTEILES EINES KASSENPLATZES

Title (fr)

APPAREIL DE TRI ALTERNATIF DE PRODUITS ACHETES VERS LES DEUX ZONES DE LA PARTIE TERMINALE GENERALEMENT EBRASEE D'UNE CAISSE

Publication

EP 2187786 A1 20100526 (EN)

Application

EP 08803577 A 20080903

Priority

- EP 2008061606 W 20080903
- IT BO20070620 A 20070913

Abstract (en)

[origin: WO2009033988A1] Apparatus for sorting alternately the purchased products into one of the two areas of the usually splayed end part (4) of a checkout counter in shops, supermarkets, hypermarkets or other trading premises, of the type where the customers themselves place inside bags the merchandise purchased and which are provided for this purpose with an end part (4) which is usually splayed and in the form of a chute, ending in two areas (104, 204) where the customers stand in succession in order to collect and place inside bags the products handled by the cashier, these areas being divided from each other by at least one longitudinal central guide (5), characterized in that, in the top part of this chute, a portion of its inclined bottom (7) is formed or covered by a circular plate (9) connected to means (10) for rotation in both directions which are controlled, for example, by any selective action of the cashier, depending on whether the products are assigned to one or other of the said two end collecting areas (104, 204), all of which being designed so that the cashier places the products on the part of this plate (9) closest to him/her, said plate with the rotational movement accompanying downwards the said products which are dislodged from the plate owing to the effect of gravity and/or the centrifugal force and/or cooperation with the said central guide (5) and accumulate in the end part of the area to which they are assigned.

IPC 8 full level

A47F 9/04 (2006.01)

CPC (source: EP)

A47F 9/04 (2013.01)

Citation (search report)

See references of WO 2009033988A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009033988 A1 20090319; EP 2187786 A1 20100526; IT BO20070620 A1 20090314; RU 2010114567 A 20111027; RU 2470566 C2 20121227; UA 98669 C2 20120611

DOCDB simple family (application)

EP 2008061606 W 20080903; EP 08803577 A 20080903; IT BO20070620 A 20070913; RU 2010114567 A 20080903; UA A201004266 A 20080903