

Title (en)
Coin payment apparatus

Title (de)
Münzenzahlungsvorrichtung

Title (fr)
Appareil de paiement de pièces de monnaie

Publication
EP 2842893 A1 20150304 (EN)

Application
EP 14182327 A 20140826

Priority
JP 2013182081 A 20130903

Abstract (en)
Problem An object of the present invention is to provide a coin payment apparatus that enables coins, which are delivered from coin dispensers, to be quickly brought into surface contact with a carrying belt and be quickly dispensed to a coin receiving opening. [Solving Means] A coin delivered from a coin dispenser is moved to tapered convergence space, which is formed by an adjacent elastic partition wall and an inclined elastic partition wall. The kinetic energy of the delivered coin is absorbed when the delivered coin collides with any of elastic members, which constitute the adjacent elastic partition wall and the inclined elastic partition wall. If the coin is rebounded by unabsorbed kinetic energy, the coin immediately collides with the facing adjacent elastic partition wall or inclined elastic partition wall, the kinetic energy is completely eliminated, the coin is dropped onto a carrying belt therebelow, and the coin is quickly dispensed to a coin receiving opening by the carrying belt.

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CPC (source: EP)
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Citation (applicant)
• JP 4665087 B2 20110406
• JP 4423366 B2 20100303
• JP 4784806 B2 20111005
• JP 4997374 B2 20120808

Citation (search report)
• [A] EP 1804219 A1 20070704 - ASAHI SEIKO CO LTD [JP]
• [A] EP 1734485 A1 20061220 - ASAHI SEIKO CO LTD [JP]
• [A] EP 1526483 A2 20050427 - ASAHI SEIKO CO LTD [JP]
• [A] EP 1679667 A1 20060712 - ASAHI SEIKO CO LTD [JP]

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