

Title (en)  
ARCED-PASSAGE TRANSFER APPARATUS

Title (de)  
ÜBERTRAGUNGSVORRICHTUNG MIT BOGENFÖRMIGEM DURCHGANG

Title (fr)  
APPAREIL DE TRANSFERT À PASSAGE EN ARC DE CERCLE

Publication  
**EP 2799376 A1 20141105 (EN)**

Application  
**EP 12862435 A 20121029**

Priority  
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Abstract (en)  
An arced-passage transfer apparatus (3). Same is arranged on a transfer passage between a banknote depositing module (34), a banknote dispensing module (36), and a banknote bundling module (38) of a financial self-service device (1) having deposit, withdraw, and bundling features, and comprises a large driving wheel (701), several flexible rollers (702), and a passage guide plate (703). The large driving wheel (701) comprises at least one H-shaped wheel (7011) and at least one rubber wheel (7012), where the H-shaped wheel (7011) and the rubber wheel (7012) are arranged on a same shaft. The flexible rollers (702) floatingly press on the rubber wheel (7012), and rotate in coordination with the rubber wheel (7012) to provide a driving force for transferring banknotes. The passage guide plate (703) is used for fixing the flexible rollers (702) to press on the rubber wheel (7012); also, the passage guide plate (703) and the H-shaped wheel (7011) constitute an arced passage for transferring the banknotes. As such, the arced-passage transfer apparatus reduces the number of parts and components, reduces costs, increases the reliability of banknote transfer, and reduces drive load.

IPC 8 full level  
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