

Title (en)
FEEDER DEVICE AND METHOD FOR FEEDING A STACK OF VALUE DOCUMENTS TO A SINGLER DEVICE, SINGLER MODULE AND SYSTEM FOR PROCESSING VALUE DOCUMENTS

Title (de)
ZUFÜHRVORRICHTUNG UND VERFAHREN ZUR ZUFÜHRUNG EINES STAPELS VON WERTDOKUMENTEN ZU EINER VEREINZELUNGSVORRICHTUNG, VEREINZELUNGSMODUL UND SYSTEM ZUR VERARBEITUNG VON WERTDOKUMENTEN

Title (fr)
DISPOSITIF D'ALIMENTATION ET PROCÉDÉ D'ALIMENTATION D'UNE PILE DE DOCUMENTS DE VALEUR VERS UN DISPOSITIF DE SÉPARATION, MODULE DE SÉPARATION ET SYSTÈME DE TRAITEMENT DE DOCUMENTS DE VALEUR

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Abstract (en)
The invention relates to a feeder device (6) for feeding a stack (1) of value documents, in particular banknotes, to a singler device, which is configured to withdraw individual value documents from the stack (1), wherein the feeder device (6) comprises: a stop element (3) having a front side and a back side, the front side being configured to serve as a stop for a rear side of the stack (1) and to guide the stack (1) at the rear side of the stack towards the singler device; a first and a second lateral guide element (4a, 4b) provided at the front side of the stop element (3) and configured to guide the stack (1) at two lateral sides of the stack (1) towards the singler device; at least two first support elements, on which the first lateral guide element (4a) is mounted, and at least two second support elements, on which the second lateral guide element (4b) is mounted, wherein the first and second support elements are movably mounted on the stop element (3) and a respective one of the first support elements is coupled with a respective one of the second support elements such that by moving one of the lateral guide elements (4a, 4b) in a first direction, the other lateral guide element (4b, 4a) is moved in a second direction opposite to the first direction; and at least one first alignment bearing (8a) configured to guide the first lateral guide element (4a) on the stop element (3) in the first and second direction, and at least one second alignment bearing (8b) configured to guide the second lateral guide element (4b) on the stop element (3) in the first and second direction. The invention further relates to an according method, a singler device, a singler module and a system for processing value documents, in particular banknotes.

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Citation (search report)
• [X] WO 2008139125 A2 20081120 - RUE DE INT LTD [GB], et al
• [I] US 2008018045 A1 20080124 - SAKANASHI YASUHIRO [JP]
• [I] EP 1288014 A2 20030305 - CANON KK [JP]

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