Title (en)
METHOD AND DEVICE FOR STACKING FLAT MAIL ITEMS

Title (de)
VERFAHREN UND EINRICHTUNG ZUM STAPELN VON FLACHEN SENDUNGEN

Title (fr)
PROCEDE ET DISPOSITIF POUR EMPILER DES ENVOIS PLATS

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Application
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Abstract (en)
[origin: WO2005087640A1] According to the invention, in each stacking run, in which the mail items are stacked vertically, a mail item to be stacked is propelled against a stop wall at a stacking point by means of a stacking roll that can be displaced away from the stack in opposition to a spring force and that is driven in a controlled manner in a starting-braking mode. The mass of each mail item to be stacked is determined prior to stacking. Stack pressures are measured when the stacking roll engages with the mail item to be stacked using a measuring device that is positioned in the vicinity of the stacking roll on the transport plane of the mail or on the stacking roll. If the stack pressure is too high, the stack is accordingly transported away from the stacking point. In a preceding test phase, the target values for the stack pressures and the braking curves of the stacking roll up until the mail items have reached the stop are defined and stored based on statistical analyses in accordance with the mass of the respective mail items to be stacked. The speed of the respective mail item is reduced by the stacking roll according to the braking curve that has been assigned to the determined mass of the mail item.

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