

Title (en)

DEVICE FOR DETERMINING A THICKNESS OR THICKNESS VARIATION OF A FLAT OBJECT

Title (de)

VORRICHTUNG ZUM FESTSTELLEN EINER DICKE ODER DICKENVARATION EINES FLACHEN GEGENSTANDES

Title (fr)

DISPOSITIF POUR DÉTERMINER UNE ÉPAISSEUR OU UNE VARIATION D'ÉPAISSEUR D'UN OBJET PLAT

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Application

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Priority

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Abstract (en)

[origin: WO2010078908A1] The invention relates to a device for determining a thickness or thickness variation of a flat object (5), in particular a voucher, having at least one first guide element (1), and having a plurality of second guide elements (2) disposed adjacent to each other in a row and opposite the first guide element (1), wherein the flat object (5) can be transported between the first guide element (1) on one side and the second guide elements (2) on the other side, and having a displaceable arrangement of the second guide elements (2) relative to the first guide element (1) in order to bring about a deflection of one or more of the second guide elements (2) relative to the first guide element (1) in case of a thickness variation of the flat object (5) passing between the guide elements (1, 2), and having a plurality of coils (10, 11) fixed in location, wherein each second guide element (2) is associated with at least one coil, and having at least one coil core (9) rigidly connected to each second guide element (2) and displaceably guided in the coil (10, 11) associated with the second guide element (2), wherein a deflection of a second guide element (2) brings about a deflection of the associated coil core (9), and having an analysis device (16, 17, 18, 19) for determining the influence of the position of the coil cores (9) relative to the coils (10, 11).

IPC 8 full level

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