

Title (en)
SHEET ORIENTATION DEVICE, MACHINE FOR PROCESSING A SHEET, AND METHOD FOR ORIENTING A SHEET

Title (de)
BOGEN-AUSRICHTVORRICHTUNG, MASCHINE ZUM VERARBEITEN EINES BOGENS SOWIE VERFAHREN ZUM AUSRICHTEN EINES BOGENS

Title (fr)
DISPOSITIF D'ORIENTATION DE FEUILLE, MACHINE POUR LE TRAITEMENT D'UNE FEUILLE AINSI QUE PROCÉDÉ POUR L'ORIENTATION D'UNE FEUILLE

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Application
EP 18786677 A 20181009

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Abstract (en)
[origin: WO2019072416A1] The invention relates to a sheet orientation device (5) for a machine for processing sheets (B) made of a thin flat material, such as paper, paperboard or film, with a feed section, at least one sensor (30, 32) for detecting the position and/or orientation of the sheet (B), and at least two orientation modules (10), which each have an orientation roll (12) associated with a drive device (14), wherein each orientation module (10) is associated with a pivot device (16), by means of which the orientation roll (10) can be pivoted about a pivot axis (A) perpendicular to the feed section. The invention also relates to a machine for processing sheets (B) made of a thin, flat material, such as paper, paperboard or film, wherein a sheet orientation device (5) of the above-mentioned kind is provided. The invention lastly relates to a method for orienting a sheet (B) made of a thin, flat material, such as paper, paperboard or film, by means of the following steps: - the orientation of the sheet (B) is detected, - the sheet (B) is accelerated, rotated and/or displaced laterally on a feed section by means of at least two orientation rolls (12) that are controllable in respect of their circumferential speed and orientation.

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