

Title (en)
LEAF-TURNING DEVICE FOR TURNING OVER AND COUNTING A PILE OF SHEETS AND AN INDEX-CUTTING MACHINE PROVIDED WITH SUCH A DEVICE

Title (de)
UMBLÄTTERVORRICHTUNG ZUM UMBLÄTTERN UND ZÄHLEN EINES BLATTSTAPELS UND MIT DIESER VORRICHTUNG AUSGESTATTETER STAPELSCHNEIDER

Title (fr)
DISPOSITIF TOURNE-FEUILLE RETOURNANT ET COMPTANT LES FEUILLES D'UNE PILE ET MASSICOT DE DECOUPE D'ONGLET EQUIPE D'UN TEL DISPOSITIF

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Abstract (en)
[origin: WO9801823A1] A leaf-turning device for turning over and counting a pile (12) of sheets, comprising a leaf-turning nozzle (20, 30) for holding a sheet by suction and displacing it away from the rest of the pile. A lifting rod (24) is movable relative to the pile (12) and the leaf-turning nozzle (20, 30) to be inserted between a sheet held by the nozzle by suction and the rest of the pile and to pull said sheet away from the nozzle and to displace said sheet to an intermediary storage position. The lifting rod is arranged to move in a circular path within which said leaf-turning nozzle (20, 30) is positioned and which extends between the leaf-turning nozzle (20, 30) and the pile (12). A blow nozzle (21) is provided for directing a jet of air (22) against the edge of the sheet lifted off by the leaf-turning nozzle, in order to release any additional entrained sheets, before the lifting rod (24) pulls away the counted sheet from the nozzle. The invention likewise concerns an index-cutting machine provided with such a leaf-turning device.

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