

Title (en)

HIGH-SPEED NEGATIVE SUCTION ROLLER-TYPE OBLIQUE FEED FOLDING MACHINE

Title (de)

HOCHGESCHWINDIGKEITSFALTMASCHINE MIT QUEREINZUG VOM UNTERDRUCKSAUGWALZENTYP

Title (fr)

MACHINE DE PLIAGE À ALIMENTATION OBLIQUE DU TYPE À ROULEAU À ASPIRATION NÉGATIVE À GRANDE VITESSE

Publication

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Application

**EP 19758879 A 20190412**

Priority

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Abstract (en)

This invention related to a high-speed negative suction roller-type oblique feeding folding machine that allows oblique placement of a paper stack. The high-speed negative suction roller-type oblique feeding folding machine comprises a frame, a paper stacking platform, a negative suction roller and a paper feeding pressure roller, characterized in that: the stacking platform is obliquely disposed, the negative suction roller is drivingly connected with a paper suction transmission mechanism that drives the negative suction roller to rotate back and forth along the curved surface on the paper feeding pressure roller, a curved rack is mounted on the frame, a negative suction roller pinion is mounted at one end of the negative suction roller, and the negative suction roller pinion engages with the tooth surface of the curved rack. The stacking platform of this high-speed negative suction roller-type oblique feeding folding machine is disposed obliquely, and at the same time, to couple with the oblique stacking platform, the transmission mode and the moving direction of the negative suction roller are changed; through various upgrades and improvements, the oblique feeding mode of the folding machine is achieved, thus meeting the feeding requirement of different sizes of paper.

IPC 8 full level

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