

Title (en)

ROTARY HIGH-SPEED WEB DIE-CUTTING MACHINE AND USING METHOD THEREOF

Title (de)

ROTIERENDE HOCHGESCHWINDIGKEITS-BANDSTANZMASCHINE UND VERFAHREN ZU IHRER VERWENDUNG

Title (fr)

MACHINE DE DÉCOUPAGE À L'EMPORTE-PIÈCE DE BANDE À GRANDE VITESSE ROTATIVE ET SON PROCÉDÉ D'UTILISATION

Publication

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Application

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Abstract (en)

[origin: EP2789558A1] Disclosed in the present invention is a rotary high-speed web die-cutting machine which comprises a frame and a bed. The bed comprises a paper guiding device and a paper linking device. The paper linking device comprises a first work module and a second work module. A paper feeding gap is provided between the first work module and the second work module. A paper changing cutter and a paper changing cutter sleeve which can cooperate with each other at the paper feeding gap, and a left bonding device and a right bonding device which can be lifted to the height of the paper changing cutter are respectively arranged between the first work module and the second work module. The paper guiding device comprises an upper guiding roller at a paper outlet of the paper feeding gap. A paper pressing roller is arranged at the upper paper guiding roller. An electric eye detection device is arranged at the paper pressing roller. The paper linking device is used for cutting the paper. The paper pressing roller and the upper guiding roller can cooperate with each other, thus preventing the paper of web I at the upper paper guiding roller from shaking. The electric eye detection device can obtain a stable cursor signal, so that the paper linking accuracy of the paper linking device is improved greatly, and the waste of paper during the production process is reduced.

IPC 8 full level

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