

Title (en)
Drier for silkscreen printed sheets.

Title (de)
Trockner für durch Siebdruck bedruckte Bogen.

Title (fr)
Séchoir pour feuilles imprimées par sérigraphie.

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Application
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Priority
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Abstract (en)
1. A drier for silk-screen printed sheets, comprising an endless conveyor (1) moving about horizontal shafts (3) supported by a frame and to which are fixed hurdles adapted for receiving the sheets, and a device (6) for blowing air on these latter so as to dry them during their movement on the conveyor, characterized in that the edge (8) of each hurdle (7) adjoining the conveyor is bent and carries a series of fastening clips (9) adapted to grip the corresponding edge of a sheet (11) on this hurdle and control means are provided for causing automatically in a single action the opening of the clips (9) of each hurdle (7), successively before withdrawal of a dried sheet, the clips (9) closing again under the action of a resilient return member (15) after introduction of a wet sheet (11) on each hurdle (7).

Abstract (fr)
Séchoir pour feuilles imprimées par sérigraphie, comportant un convoyeur sans fin porté par un châssis et auquel sont fixées des claies adaptées pour recevoir les feuilles, et un dispositif de soufflage d'air sur celles-ci pour les sécher. - Ce séchoir comprend un système de pinces d'amarrage 9 de chaque feuille 11 sur sa claie 7 de support, associé à un dispositif 22, 18, 17 d'ouverture et de fermeture automatiques des pinces 9 à la fin du cycle de séchage d'une feuille 11, afin de permettre le retrait de celle-ci du séchoir. - Le fait d'équiper les claies du séchoir d'un système d'amarrage des feuilles sur leurs claies permet d'augmenter la puissance du soufflage d'air, ce qui accroît la rapidité du séchage. En outre, celui-ci peut être exécuté avec de l'air froid au lieu d'air chaud pulsé, ce qui diminue considérablement la quantité d'énergie nécessaire.

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