

Title (en)

Apparatus for removable fastening of flat articles, like leathers and similar to a work surface

Title (de)

Vorrichtung zur lösbaren Befestigung von flachen Gütern wie Lederhäuten oder dergleichen auf einer Arbeitsfläche

Title (fr)

Dispositif pour la fixation amovible des objets plats tels que les peaux ou similaires sur une surface de travail

Publication

EP 1178120 A3 20030514 (EN)

Application

EP 01114830 A 20010628

Priority

IT BO20000393 A 20000704

Abstract (en)

[origin: EP1178120A2] In an apparatus for removable fastening of flat articles (2) to a work surface (1) for a machine for processing flat articles, e.g. leathers, the work surface (1) includes a plurality of fastening elements (3), which are selectively connected to suction means by respective valve means (10) to set under a vacuum effect the articles (2). Each of the valve means (10) includes a throttle valve (12), operated by a direct-current motor (21). The apparatus includes also sensor means (23) for detecting the motor (21) supply voltage and detecting variations with respect to the nominal voltage due to the motor rotation. Furthermore, the apparatus includes a sensor (24) detecting the current flowing through the motor (21) for detecting a motor (21) stop situation which is a consequence of reaching one of the extreme positions full open (A) and full closed (B) by the throttle valve (12). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

C14B 17/04 (2013.01); **C14B 17/06** (2013.01)

Citation (search report)

- [A] DE 19521616 C1 19970717 - FELBER PETER [DE]
- [A] US 5953232 A 19990914 - BLAIMSCHEIN GOTTFRIED [AT]
- [A] EP 0566817 A1 19931027 - GFM FERTIGUNGSTECHNIK [AT]

Cited by

EP4215626A1; US7726159B2; WO2006090252A1

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