Title (en)

Glueing press for shoe parts.

Title (de)

Klebepresse für Schuhelemente.

Title (fr)

Presse de collage d'éléments de chaussures.

Publication

EP 0080387 A2 19830601 (FR)

Application

EP 82401841 A 19821007

Priority

FR 8122024 A 19811125

Abstract (en)

[origin: ES8307468A1] A press for gluing footwear elements to each other comprising a tank and means for supporting an article of footwear in the tank. A flexible pocket or elastic membrane is positioned in the tank and is adapted to envelope at least the portion of the article of footwear which includes the footwear elements which are to be glued to each other. The press includes a jack having a cylinder and a piston movable in the cylinder, the piston being adapted to be moved by the application of a pressurized pneumatic fluid to one surface of the piston. The opposite surface of the piston communicates with a liquid supply in the tank, whereby movement of the piston is operable to force the liquid under pressure against the flexible pocket or elastic membrane to cause the flexible pocket to conform to the contour of the footwear elements whereby to cause the elements to become glued to each other. Means is provided for moving the piston to a retracted position when the pneumatic pressure is released. This means for causing the piston to move to a retracted position may comprise a cross member connected to a portion of the piston rod which projects beyond the cylinder and spring means engageable with the cross member for normally biasing the piston and the piston rod to a retracted position.

Abstract (fr)

L'invention a trait à des perfectionnements à la presse dite PIC qui met en oeuvre une poche souple ou membrane élastique (5) servant de moyen de pression uniforme et enrobante, sous l'effet d'un fluide pressurisé, entre les éléments à coller de la chaussure (4). Selon l'invention, tous les dispositifs hydrauliques habituellement inclus dans le bâti (1) son remplacés par un système de vérin (6) dont le piston (11) est actionné par de l'air pressurisé (16, 17, 9) qui sert à comprimer l'eau (19) contenue dans le bac (2), le retour à vide s'effectuant par relâchement du plateau (13) sous la détente des ressorts (15). On économise ainsi un temps précieux pour le collage tout en disposant d'un bâti moins encombrant et de coût plus faible, aucun organe électrique n'étant en outre nécessaire pour le fonctionnement de la machine.

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