

Title (en)

Device for automatically positioning superposed pieces of clothing in order to superpose them exactly.

Title (de)

Einrichtung, um Kleidungsstücke automatisch und genau übereinander zu legen.

Title (fr)

Dispositif pour la mise en position automatique de pièces de vêtement en vue de leur superposition exacte.

Publication

EP 0044766 A1 19820127 (FR)

Application

EP 81401077 A 19810703

Priority

FR 8015148 A 19800708

Abstract (en)

1. A device for placing accurately in position in space a piece of clothing having a defined edge, comprising a horizontal frame (1) containing a transparent and porous carrier-cloth (2) which is mounted to be movable in at least two directions, is coupled to means of movement and is associated with detectors which act through the said cloth (2), characterized in that the frame (1) is movable in a first direction under the action of a first jack (5) which is mounted to be movable relatively to this frame (1) at least partially in the second direction and is associated with a detector (A) of a point on the piece (V) which is laid on the cloth (2), the said frame (1) being movable in the second direction by two jacks (10, 11) spaced apart, of which at least one (10 or 11) is mounted to be movable relatively to this frame at least partially in the first direction, the said jacks being associated respectively with respective detectors (B, C) each of which detects one point on one and the same edge of the piece (V).

Abstract (fr)

Dispositif pour la mise en position automatique de pièces de vêtement en vue de leur superposition exacte. Un cadre (1) contient une toile (2) transparente et poreuse et il est attelé par un premier côté (3) à un vérin (5) et par un second côté (7) à deux vérins (10,11); ces vérins sont associés chacun à un détecteur (A, B, C) apte à détecter à travers la toile (2) la présence d'un point déterminé d'une pièce de vêtement (V) déposée sur cette toile, à la suite des déplacements provoqués par les vérins (10, 11) puis par le vérin (5).

IPC 1-7

D05B 21/00

IPC 8 full level

A41H 43/02 (2006.01); **D05B 21/00** (2006.01)

CPC (source: EP)

D05B 21/00 (2013.01); **D05D 2207/04** (2013.01)

Citation (search report)

- US 3072081 A 19630108 - MILLIGAN REX V, et al
- FR 2206400 A1 19740607 - AMF INC [US]
- US 3871532 A 19750318 - DOROSZ ADOLPH S, et al
- EP 0020258 A1 19801210 - ANVAR [FR]
- DE 2550255 A1 19770512 - KOEPCKE HERMANN
- US 2982238 A 19610502 - FROMM JR FRANK H

Cited by

GB2164366A; EP0375524A1; FR2640476A1; GB2197349A; US4757773A; GB2197349B

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

EP 0044766 A1 19820127; **EP 0044766 B1 19840111**; AT E5827 T1 19840115; DE 3161890 D1 19840216; FR 2486370 A1 19820115; FR 2486370 B1 19831118; HK 96684 A 19841221; JP S57112407 A 19820713

DOCDB simple family (application)

EP 81401077 A 19810703; AT 81401077 T 19810703; DE 3161890 T 19810703; FR 8015148 A 19800708; HK 96684 A 19841213; JP 10072181 A 19810630