

Title (en)
APPARATUS FOR AUTOMATICALLY MATCHING PATTERNS ON CLOTH.

Title (de)
VORRICHTUNG UM DIE ÜBEREINSTIMMUNG VON MUSTERN AUF STOFF ZU ERREICHEN.

Title (fr)
APPAREIL DE RACCORDEMENT AUTOMATIQUE DE DESSINS SUR UN TISSU.

Publication
EP 0635596 A4 19950614 (EN)

Application
EP 93901522 A 19930114

Priority
JP 9300052 W 19930114

Abstract (en)
[origin: EP0635596A1] According to the present invention, a cloth (MA) unrolled from a rolled cloth (M) and spread and having at least laterally continuous patterns is fed downward with one longitudinal end thereof at the head via a feed means (4), and the surface of the downward extending portion of the cloth (MA) being fed downward is picked up by a CCD camera (5), an optical read means, the vertical position of the cloth (MA) being controlled on the basis of a signal from the CCD camera (5) so that the patterns on the cloth are lined up laterally, whereby it is rendered possible to carry out with very high reliability, accuracy and efficiency an operation, which has heretofore been found to be difficult to carry out, for matching the patterns on a cloth while removing curling such as skew and bend of the cloth by the weight of the cloth itself, and preventing the occurrence of imperfect products ascribed to the curling of the cloth. <IMAGE>

IPC 1-7
D06H 7/00; **D06H 3/08**

IPC 8 full level
D06H 3/08 (2006.01); **D06H 7/00** (2006.01)

CPC (source: EP KR)
D06H 3/08 (2013.01 - EP KR); **D06H 3/12** (2013.01 - KR); **D06H 7/00** (2013.01 - EP); **D06H 2201/00** (2013.01 - KR)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9416137A1

Cited by
CN114108299A; CN105800355A; CN103132233A; CN106882623A

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 0635596 A1 19950125; **EP 0635596 A4 19950614**; KR 950701023 A 19950220; WO 9416137 A1 19940721

DOCDB simple family (application)
EP 93901522 A 19930114; JP 9300052 W 19930114; KR 19940703226 A 19940914