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 A1 19950125 (EN)

Application

EP 93901522 A 19930114

Priority

JP 9300052 W 19930114

Abstract (en)

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)

Cited by

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