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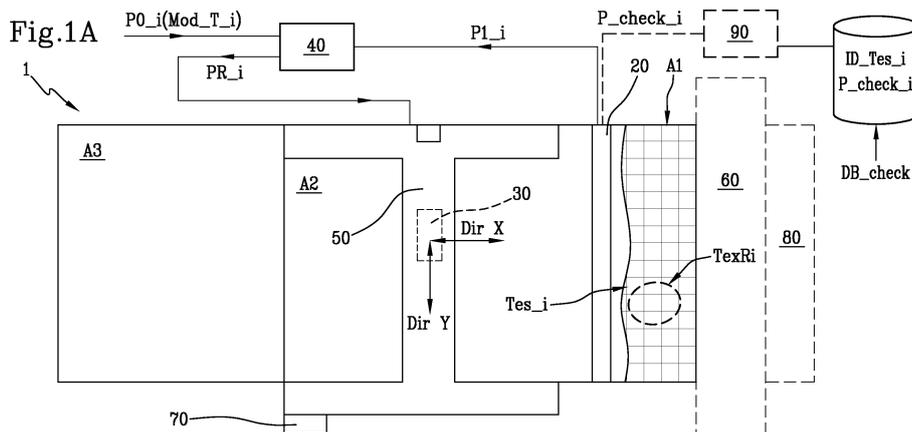
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(54) **APPARATUS AND METHOD FOR CONTINUOUS DETECTION AND CUTTING OF FABRIC FOR ITEMS OF CLOTHING**

(57) The invention describes an apparatus (1) for continuous detection and cutting of fabric (tes_i) bearing a predefined real striped and checked pattern (TexR_i), for making an item of clothing (Ci), it comprises a loading area (A1) for loading fabric (tes_i); movement means (10) for moving the fabric (tes_i); detection means (20) arranged to detect from the fabric (tes_i) at least effective points (P1_i) representative of meeting points detected in the predefined pattern (TexR_i); a processing unit (40) for processing effective (P1_i) and/or theoretical points (P0_i; i=1..n) configured to: receive the theoretical points P0_i, representative of a theoretical pattern (Tex_i) reproduced on component parts (Cij) of items of clothing (Ci); receive the effective points (P1_i) detected, representative of meeting points detected of the predefined

real pattern (TexR_i) in the fabric (tes_i) detected; make a comparison by points between the theoretical points (P0_i) and the effective points (P1_i); determine real meeting points (PR_i) of the real pattern (TexR_i) in the component parts (Cij) at least according to the comparison by points; a cutting area (A2) arranged downstream of said loading area (A1); a cutting head (30) configured to cut the fabric (tes_i) according to the real meeting points (PR_i) determined.

The invention also describes a corresponding method for continuous detection and cutting, a computer program configured to perform the method, and a graphical user interface configured to display on a display device the steps performed by the method and/or by the computer program.





EUROPEAN SEARCH REPORT

Application Number
EP 19 17 8101

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			D06H B26F B26D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 January 2020	Examiner Iamandi, Daniela
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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