

Title (en)

Apparatus for the quality control of knitwear, in particular hosiery and method for the inspection of knitwear

Title (de)

Maschine zur Qualitätskontrolle von Maschenware, insbesondere von Feinstrick- und Strickstrumpfhosen, -kniestrümpfen, -socken und dgl. sowie Verfahren zur Sichtkontrolle von Maschenware

Title (fr)

Dispositif pour contrôler la qualité d'articles de bonneterie, en particulier des collants, bas, chaussettes et analogues et procédé pour le contrôle d'articles de bonneterie

Publication

EP 0529621 B1 19970122 (DE)

Application

EP 92114634 A 19920827

Priority

DE 4128346 A 19910827

Abstract (en)

[origin: EP0529621A1] By means of the machine, fine-knitted tights, fine-knitted stockings and socks are automatically checked for defects in the test apparatus before being packaged. The fabric is drawn onto draw-on legs (10, 11), between which a gusset stretcher (12) is provided. A lighting body (32) is provided in the latter. Arranged in the region outside the gusset stretcher (12) is a camera (34, 35), the lens of which is directed towards the lighted part of the gusset stretcher (12) and which is connected to an image-processing device. After being drawn onto the draw-on legs (10, 11), the knitted fabric is tested by means of the cameras (34, 35). A brightness value is determined from the camera images. When a predetermined threshold of the brightness value is exceeded, a signal is generated. The knitted fabric just tested can then be sorted out as defective. <IMAGE>

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D06H 3/16; **D06H 3/08**

IPC 8 full level

D06H 3/08 (2006.01); **D06H 3/16** (2006.01)

CPC (source: EP)

D06H 3/08 (2013.01); **D06H 3/16** (2013.01)

Cited by

DE102016014123A1; EP0930389A3; US11150194B1; US5703688A; US5497235A; USD945121S; WO9621766A1; WO2019046566A1; WO9923293A1

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