

Title (en)

METHOD AND MACHINE FOR AUTOMATICALLY CLOSING THE TOES OF HOSIERY

Publication

**EP 0033039 B1 19841121 (EN)**

Application

**EP 80304777 A 19801231**

Priority

- GB 8000402 A 19800107
- GB 8037143 A 19801119

Abstract (en)

[origin: EP0033039A1] For toe seaming hosiery knitted with reinforced and/or shaped heels on a high speed automatic toe closer having one or more hose carriers (12), a sewing machine and a mechanism for conveying a toe end portion of a hose on the carrier past the sewing machine for toe closing, this mechanism for instance including blades (16) to project the toe end into a clamp which transports the toe end past the sewing machine, a heel positioner (30) is provided. The heel positioner can be rotationally-driven roller (31) mounted on an arm (32) for movement into and out of frictional engagement with a hose on the carrier (12) under the influence of a ram (34), rotation of the roller (31) in contact with the hose causing a rotation of the latter about the carrier (12) until a mark on the hose aligns with a photosensor (36) whereupon a signal generated by the latter causes the ram (34) to disengage the roller (31) from the hose leaving the latter in a properly adjusted attitude on the carrier (12).

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**D05B 21/00**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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Cited by

EP1857582A1; KR100889243B1; EP0116445A3; US4550868A; US5826527A; EP0648880A1; US7748332B2

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