

Title (en)

ROTATING HOOK DEVICE FOR SEWING MACHINE AND MACHINE COMPRISING THE DEVICE

Title (de)

VORRICHTUNG MIT UMLAUFENDEN GREIFER FÜR NÄHMASCHINE UND NÄHMASCHINE MIT SOLCHER VORRICHTUNG

Title (fr)

DISPOSITIF A CROCHET ROTATIF POUR MACHINE A COUDRE ET MACHINE COMPRENANT CE DISPOSITIF

Publication

**EP 0918899 A1 19990602 (EN)**

Application

**EP 97934478 A 19970717**

Priority

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- IT VI960120 A 19960724

Abstract (en)

[origin: WO9803714A1] Rotating hook device for sewing machines, of the type which comprises a needle (A) which moves in a cyclic fashion, a main thread (F) through a fabric, comprising a stationary case which has a first substantially vertical axis of symmetry and is suitable to accommodate a spool of auxiliary thread (F'), a rotating hook (7) which is suitable to engage the loop of main thread (F) in order to wind it around the case (2) and tie it to the auxiliary thread (F') to form a stitch. The hook (7) is fitted so that it can rotate about a second axis which intersects the first one and is inclined with respect to it; supporting devices (12, 13) selectively support the case at its ends. This configuration allows to use spools (S) of auxiliary thread (F') which have a large capacity, reducing downtimes for reloading and considerably increasing the productivity of the sewing machines on which the device is applied.

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