

Title (en)
RIBBON NEEDLE LOOM FOR MANUFACTURING A STRIP, IN PARTICULAR A LABEL STRIP, HAVING A WOVEN-IN CONDUCTIVE THREAD,
IN PARTICULAR ANTENNA THREAD

Title (de)
NADELBANDWEBMASCHINE ZUR HERSTELLUNG EINES BANDES, INSBESONDERE EINES ETIKETTENBANDES, MIT EINEM
EINGEWEBTEN LEITERFADEN, INSBESONDERE ANTENNENFADEN

Title (fr)
MACHINE A TISSER LES RUBANS A AIGUILLES POUR LA FABRICATION D'UN RUBAN, NOTAMMENT D'UN RUBAN D'ETIQUETTES, AVEC
UN FIL GUIDE TISSE, EN PARTICULIER UN FIL D'ANTENNE

Publication
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Application
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Priority
CH 2005000772 W 20051223

Abstract (en)
[origin: WO2007071077A1] In order to make it possible to weave in a conductive thread, in particular an antenna thread, in a very wide variety of ways in a ribbon needle loom for manufacturing a strip, in particular a label strip, having a shedding apparatus for forming a shed (24) from warp threads (8), a weft insertion needle (26) for inserting weft thread loops, a reed (30) and having a feed apparatus (34) for a thread which has a blade (34) which dips into the shed (24) between warp threads (8) as far as under the insertion path of the weft insertion needle (26), it is proposed that the blade is arranged on a shaft (38) which is oriented transversely with respect to the warp direction. The shaft is connected to a first drive apparatus (40a) for performing a pivoting movement of the shaft. As a result of the pivoting, the blade (34) dips into and out of the shed (24). Furthermore, the shaft is connected to a second drive apparatus (44a) for movement in the axial direction. As a result, the blade (34) can be moved over the width of the strip (2).

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