Title (en)
   THREAD TAKE-OFF DEVICE

Title (de)
   FADENABZUGSVORRICHTUNG

Title (fr)
   DISPOSITIF D'APPEL DE FIL

Publication
   EP 1590287 A1 20051102 (DE)

Application
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Abstract (en)
   [origin: WO2004069712A1] The invention relates to a thread take-off device for providing a thread that can be continually unwound, in addition to
   a texturing machine comprising a thread take-off device. In prior art, the thread take-off device contains at least one supply bobbin and a reserve
   bobbin, the start and end of the thread of said bobbins being knotted together. According to the invention, the transition of the thread (2) removal
   from the supply bobbin to the reserve bobbin is detected by a sensor (6). This is achieved by a displaceable thread guide (20), which is displaced
   during the transition from a resting position (20:1) into a signalling position (20:2). To prevent the displaceable thread guide from rebounding,
   said thread guide (20) or an element that is connected to the thread guide (22) is equipped with a second degree of freedom of movement. A
   correspondingly formed curve co-ordinates the two degrees of freedom of movement, defining the displacement after rebounding in such a way that
   it is geometrically impossible for the thread guide or element to leave the signalling position (20:2).

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