

Title (en)
MACHINING EQUIPMENT FOR DOUBLE-POINT ZIPPER TEETH

Title (de)
MASCHINEN ZUR BEARBEITUNG VON REISSVERSCHLUSSZÄHNEN MIT DOPPELTER SPITZE

Title (fr)
ÉQUIPEMENT D'USINAGE POUR DENTS DE FERMETURE ÉCLAIR À DOUBLE POINT

Publication
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Application
EP 22151747 A 20220117

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Abstract (en)
The present disclosure discloses machining equipment for double-point zipper teeth includes a main driving mechanism, a cutter, a punch pin which is in transmission connection with the main driving mechanism and is capable of moving in an up-down direction, a main sliding seat which is in transmission connection with the main driving mechanism and is capable of moving in a front-back direction, and a machining module fixed at a front end of the main sliding seat; the machining module includes a profile die and a machining die which are disposed in sequence forwards; a via hole is formed in the profile die; a zipper profile moves one zipper tooth site in the via hole at each time under the driving of the main driving mechanism; the cutter and the punch pin are both arranged above the machining module; an upper surface of the machining die is provided with a machining die site correspondingly cooperating with the punch pin; the machining equipment for the double-point zipper teeth further includes a material clamping mechanism which is in transmission connection with the main driving mechanism; the material clamping mechanism includes two clamping blocks which are disposed oppositely and are capable of moving in a left-right direction; and the two clamping blocks are respectively located on two sides of the machining module. The present disclosure has a simple and reasonable structure and high machining efficiency, and saves materials and production time.

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CPC (source: EP)
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Citation (search report)
• [X] CN 111674018 A 20200918 - DONGGUAN RORO ZIPPER AND HARDWARE CO LTD
• [A] EP 0578171 A2 19940112 - YOSHIDA KOGYO KK [JP]

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