

NEEDLE SELECTION DEVICE OF A CIRCULAR KNITTING MACHINE

ABSTRACT OF THE DISCLOSURE

A needle selection device including a plurality of push jacks respectively mounted in the needle slots of the needle cylinder of a circular knitting machine, a plurality of lifting bars respectively mounted in the needle slots and selectively driven by the push jacks to lift respective needles, and an electromagnetic device mounted on the cam of the circular knitting machine and moved by it to pass from one lifting bar to another, wherein each lifting bar is balanced in one needle slot on a fulcrum at its center and moved by the electromagnetic device between a first position in which the lifting bar will be driven by the respective push jack to lift the respective needle, and a second position in which the lifting bar will not be driven by the respective push jack to lift the respective needle.

(Figure 3)