

INTELLIGENT NECK MASSAGER

ABSTRACT

The present invention refers to the technical field of massager devices and provides an intelligent neck massager, which comprises a C-shaped pillowcase, two massager subassemblies, a control apparatus, a regulating motor and two first supports, an output shaft of the regulating motor is provided with a first synchromesh gear and two synchronous belts, each massager subassembly comprises a massager motor, a gear box and a massage wheel set, each gear box is provided with a basal ridge lock subassembly, each gear box respectively makes a reciprocating movement along a corresponding synchronous belt or is locked to be positioned on the synchronous belt by the basal ridge lock subassembly, and the control apparatus controls a coordinated operation of the aforementioned mechanical components. In the present invention, when the control apparatus takes control of the aforementioned mechanical components, the control of the aforementioned mechanical components can be achieved by a press button or a remote control, or by communicating with an application software installed in an electronic product, so that various control methods can be achieved; via control functions of the control apparatus, each massage wheel set is controlled to make a reciprocating movement along a corresponding synchromesh belt, thereby providing a massage for a neck in multi-position; at the same time, the massage wheel set can also be forced to provide a fixed point massage after the fixed point is selected; moreover, the two synchronous belts make little noise in position adjusting processes and occupy small space.

FIG. 2