【CLAIMS】

【Claim 1】

A knitting machine for clothing, comprising:

a needle module in which a plurality of needle units is arranged side by side, each of the needle units comprising a needle hook formed in an end portion and a plurality of protrusions formed in a middle region;

a first actuation module comprising a carriage for a flat-knitting machine, a rear of which is formed with a track to be linked with one of the plurality of protrusions, and provided to be movable left and right;

a second actuation module comprising a connector formed with a screw thread for meshing with another one of the plurality of protrusions, and an actuator for actuating the connector to move, and provided to be movable left and right;

a first movement unit allowing the first actuation module to move up and down to be in contact with the needle module; and

a second movement unit allowing the connector of the second actuation module to move up and down with respect to the needle module,

wherein, when the protrusion of the needle unit is linked to the track as the first movement unit moves the first actuation module toward the needle module, the needle unit moves forward or backward by the connection between the track of the carriage and the protrusion as the carriage moves left and right, and

wherein, when the second movement unit moves the connector of the second actuation module toward the needle module, the needle unit meshing with the screw thread moves forward or backward as the actuator actuates the connector to rotate while

the screw thread is connecting with the protrusion of the needle unit fish.

【Claim 2】

The knitting machine for clothing according to claim 1, wherein the protrusion of the needle unit comprises two protrusions of a first protrusion and a second protrusion, the first protrusion corresponding to the first actuation module and the second protrusion corresponding to the second actuation module.

【Claim 3】

The knitting machine for clothing according to claim 1, wherein the connector comprises a plurality of connectors arranged side by side, and the connectors are fewer than the needle units.

【Claim 4】

The knitting machine for clothing according to claim 1, wherein the actuator of the second actuation module is rotatable forward and backward, and comprises an encoder to sense the number of rotations.

【Claim 5】

The knitting machine for clothing according to claim 1, wherein the first actuation module and the second actuation module are provided to reciprocate together in a direction crossing a lengthwise direction of the needle unit.

【Claim 6】

The knitting machine for clothing according to claim 1, wherein the second movement unit is actuated by a solenoid valve, and the solenoid valve individually moves the connector.