

A needle mechanism of a overlock sewing machine includes a main shaft connected to the upper shaft with toothed-belt transmission, crank fixed on the upper shaft and connected through slide to the rocker arm, and the last one is kinematically connected to the slider, and additionally it includes a cylindrical link connected to the slider with a rotary kinematical pair, and the end of the rocker arm is arranged as a pin that forms with the cylindrical link a translational kinematical pair.