

It is proposed a locking device of mechanism of half-form locking, for example of thermoplastic machine, that consists of located on its immovable plate with possibility of reciprocal directed motion two upper and two lower pairs of blocks with segment-like groove covering cranks in locking position, connected with the immovable plate on internal diameter their ring grooves. At that each of two blocks in different upper pairs so as in lower ones are connected to a driver of reciprocal motion located between them by two hinged-lever systems. At that the blocks of opposite motion direction in different upper pairs so as in different lower ones are connected together similarly by two 4-link equal-arm hinged-lever systems, at that a housing of the driver of reciprocal motion is fastened at a rod connecting two same directed links of the upper and lower 4-link hinged-lever systems, and its plunger is connected with the same two ones, at that axes of rotation of these links in relation to the rod and the plunger and plunger axis are in one plane. According to the second variant of the device embodiment the blocks of opposite motion direction in the different upper pairs so as in the lower ones are connected similarly together by two 4-link hinged-lever systems, at that the housing of the driver of reciprocal motion is fastened at the rod connecting two same directed links of the upper and lower 4-link hinged-lever systems, and its plunger is connected with the same two ones, at that two openings in these links in site of connection with the rod or the plunger are executed in the form of a notch.