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(54) Title: DEVICE COMPRISING TWO PARALLEL LINKAGE MECHANISMS

(57) Abstract

Device comprising two linkage mechanisms each having at least three bars (B11, 21, 51) of which a first and a second bar with the same length extend parallel to each other and are pivotably interconnected by at least a third bar. The two first and two third bars of both mechanisms are pivotably connected at a common main pivot (MP). Hinge point (HP1, HP2) of the first bars lying away from the main pivot are independently movable along linear paths. The device is further provided with a tool (T) comprising the main pivot. The first and second bars of each mechanism are pivotably connected by a fourth bar (B41, 42), lying parallel to and having the same length as the third bar. The fourth bar is rotatable about the hinge point of the first bar. The pivot points (P231, P232) of the third and second bars of the first and second mechanisms are connected to the tool and a part of the tool respectively, whereby rotating the fourth bar of the first mechanism around the hinge point causes a rotation of the tool around the main pivot and rotating the fourth bar of the second mechanism around the hinge point causes rotation of the part of the tool around the main pivot.

