

Title (en)
PNEUMATIC DRIVE FOR A PUNCHING, CUTTING AND STAMPING DEVICE

Publication
EP 0249059 B1 19900307 (DE)

Application
EP 87107223 A 19870519

Priority
DE 3619811 A 19860612

Abstract (en)
[origin: US4798115A] A pneumatic drive for punching, cutting and stamping devices, which have two tool parts which can be moved toward one another, and of which preferably one, at least in the operating position, is fixedly connected to the machine frame, is constructed such that an opening gap, which is as large as possible, is created. Furthermore, when the tool parts are moved together, the pneumatic drive is operated at a low pressure, so that additional safety devices are not needed. A pneumatic cylinder is secured on the movable tool part for this purpose, the piston rod of the pneumatic cylinder being constructed lockably in at least one end position. The piston rod of a pressure clamping element is secured on the piston rod exiting from the pneumatic cylinder. The cylinder of the pressure clamping element is arranged or fixably stationarily and consists of at least two piston cylinder units with one common piston rod, which piston cylinder units are connected one behind the other.

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Cited by
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