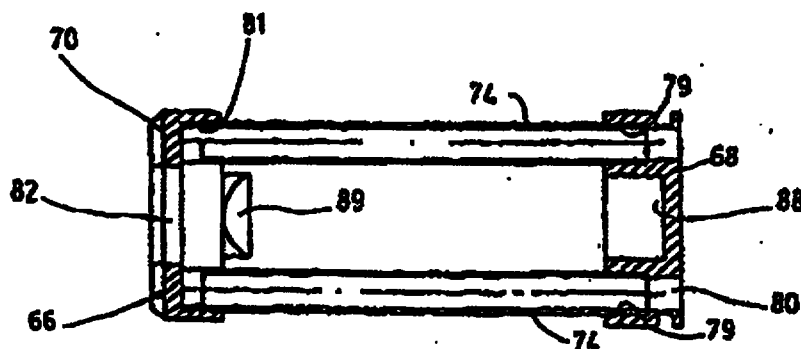


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(54) Title: DEVICE FOR CONNECTING A TOOL HEAD WITH A CLAMPING SHANK

(54) Bezeichnung: VORRICHTUNG ZUM VERBINDEN EINES WERKZEUGKOPFS MIT EINEM SPANNSCHAFT



(57) Abstract

The invention relates to a device for connecting by means of a clamping mechanism a tool head (16) presenting a tool shank (14) with a clamping shank (12) having a seat for receiving the tool shank (14). A functional yet simple construction of the clamping mechanism is made possible by the fact that the face ends of the clamping elements (25) of the clamping mechanism (22) are overlapped by one piston-like centering element (68, 70) each. Said centering elements (68, 70) are connected to each other by axially parallel links (74) forming a centering cage (66) which overlaps the clamping mechanism with axial play. The centering elements (68, 70) each lock into an axially central, cylindrical recess (76, 78) situated in the floor area of the clamping shank and hollow shank (14).