

Abstract

A MACHINE TOOL

A machine tool (100; 1106) arranged to deliver an energy source through a processing head (102; 200; 1100; 1150) onto a work-piece (104), wherein; the machine-tool has a clamping mechanism (202; 1102; 1152) arranged to temporarily receive the processing-head (102; 200; 1100; 1150), or another machining or processing-head, to process a work-piece (104); the processing-head (102; 200; 1100; 1150) comprising one or more guiding mechanisms (212, 218, 220, 222; 520) arranged to direct the energy source (206; 1110) onto a work-piece (104) and a processing-head docking-manifold (201; 1602) arranged to have connected thereto one or more media to be, in use, supplied to the processing-head (102; 200; 1100; 1150) to facilitate processing of the work-piece (104); wherein the processing-head docking-manifold (201; 1602) allows the one or more media to be supplied to the processing-head (102; 200; 1100; 1150) when the processing-head (102; 200; 1100; 1150) is connected to the clamping mechanism (202; 1102; 1152); and wherein the machine-tool (100; 1106) also comprises at least one mechanism arranged to move a supply docking-manifold (200; 600) into and/or out of connection with the processing-head docking-manifold (201; 1602) such that when the two manifolds are connected the or each media is supplied to the processing head (102; 200; 1100; 1150).

Figure 1