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(54) Title: GRIPPING DEVICE

(57) Abstract

A device (10) for gripping objects having a body (20) with opposing sides (22, 24), each side having a plurality of inwardly directed cylinders (47a-47d) aligned with cylinders (48a-48d) from the opposing side to receive a plurality of pistons (35a-35d) extending between the aligned cylinders. Internal fluid passages (72, 74) within the gripping device interconnect the spaces off the ends of the pistons to a first and second port (70, 71) which are disposed for connection to an external fluid pressure source. Applying a relatively high fluid pressure to the first port and a relatively low fluid pressure to the second port will cause the pistons to move axially in the direction from the space in communication with the first port toward the space in communication with the second port. A pair of opposing gripping jaws (27, 28) are carried on the pistons so that movement of the pistons imparts an equal movement to the gripping jaws.

