

ABSTRACT OF DISCLOSURE

**CLOSED CAVITY PISTON FOR HYDROSTATIC POWER UNITS AND METHOD OF
MANUFACTURING THE SAME**

5

Disclosed is a closed cavity piston made from a metal injection molding process. The piston has an elongated cylindrical body with a first end that is adapted to receive a slipper. The piston also has at least one hollow compartment and a hollow stem that transports hydraulic fluid. After the metal injection molding process an end cap having a central opening is sinterbonded to the second end of the body. The central opening aligns with the hollow stem to provide a fluid outlet.

10