

ABSTRACT

CHARGING PORT COUPLER

A coupler for connecting to a port, and a method for connecting a coupler to a port are provided. The coupler includes a body, a plunger needle, and a threaded portion. The body includes a radially outward facing surface, a radially inward facing surface, a proximal end, and a distal end. The plunger needle is fixed to the body, and extends in parallel with the body toward the distal end of the body. The threaded portion extends circumferentially around at least a portion of the radially outward facing surface of the body toward the distal end of the body, the threaded portion configured to receive a threaded portion of the port.

Figure 1