ABSTRACT

A charging mechanism 100 for a robot includes a male module 1 and a female module 2. The male module 1 and the female module 2 engage with each other to initiate a charging of the robot. The male module includes a charging arm 31 comprising: a rear pivot block 8 and a front arm assembly 32 pivotally supported on the rear pivot block 8. The front arm assembly 32 includes two electric contact plates 10, 11 supported at a distal end of the charging arm 31 in a substantial arrow-shaped configuration.

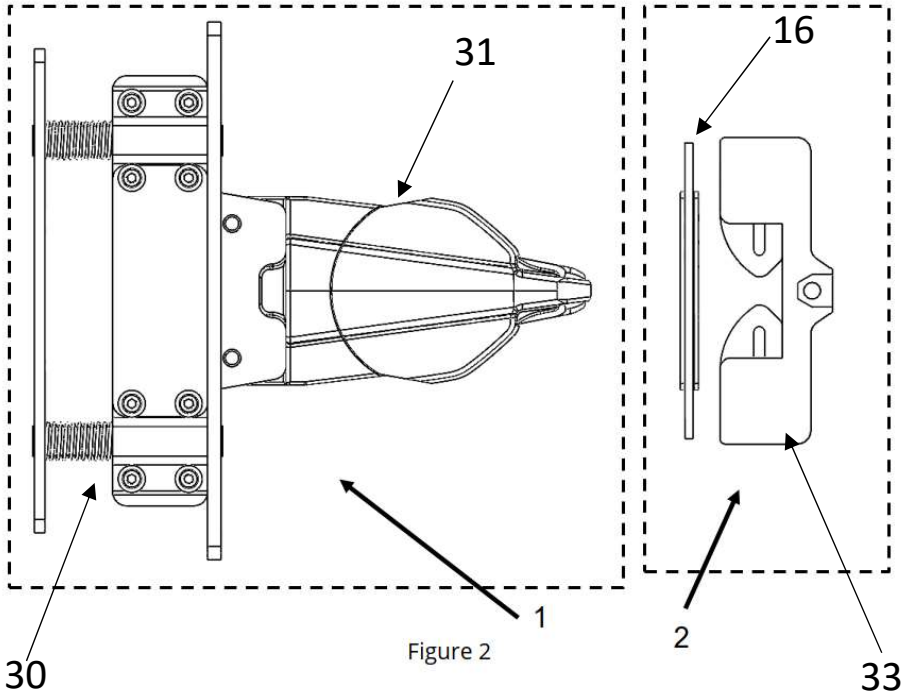

Figure 2