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(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a Exo-skeleton system, comprising: an actuator and sensor unit 106 comprising a status information processing module configured to store information for a communication in the form of a status data item, a joystick control 112 and the actuator and sensor unit 106 integrated electronically with a computing device 108. The actuator and sensor unit 106 having sensors that provide position and acceleration in different directions, and a tool holder 116 configured to achieve better control of the manipulator. FIG. 1

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