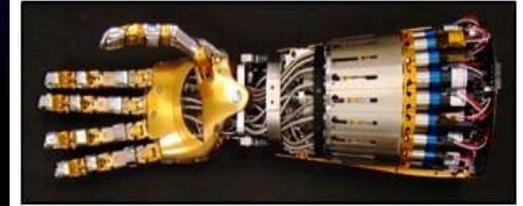


Powered Human Grasp Assist

- Joint development:
NASA and General Motors
- Technology spinoff from Robonaut 2, first humanoid robot in space
- Reduce grasping force for astronauts and factory workers
- Reconfigurable for a variety of grasp scenarios



Robonaut 2



Robonaut 2 Hand

Grasp Assist Components



- Wireless interface
- Integrated controller
- Integrated drive electronics
- Compact linear actuators
- High strength tendons
- Thumb force sensor
- Adjustable finger rings

US Patent number: 8,255,079



Features

- 4 actuated fingers
- 10 lb. grasp assistance
- 1" grasp diameter
- Self contained
- 2 lb. glove weight
- Rechargeable battery
- Battery belt