



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Modular And energy efficient Soft Wearable Exosuit

INVENTORS

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DESCRIPTION

The invention consist in an actuator applied to a soft wearable exosuit for the upper body. The scope of the entire device is to act like an external muscular system able to empower targeted upper limb joints. It comprises two main components: the actuation elements with an electromechanical clutch applied on a soft wearable frame by tendons and springs

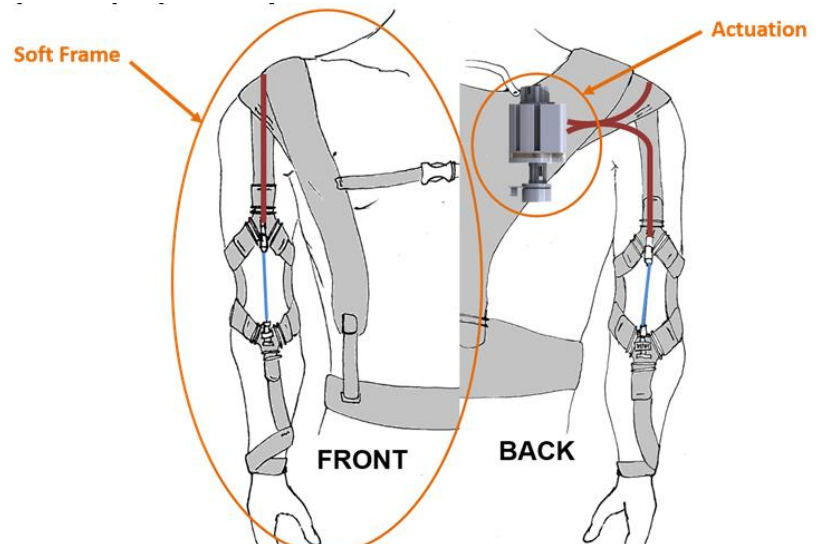


Figure 1: An of the invention

APPLICATIONS

Rehabilitation, body empowering

KEYWORDS

Soft, exosuit, wearable, clutch, actuators, tendons

BIBLIOGRAPHIC DATA

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