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(54) Title: A DEVICE FOR HUMAN TRUNK ASSISTANCE

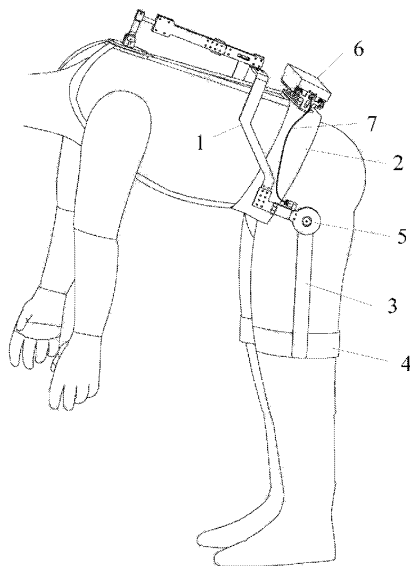


FIG. 1

(57) Abstract: The present application relates to devices that assist the human trunk, and provides a device for human trunk assistance, which includes: a trunk link (1), coupled to an upper back of a user through back straps (2); two thigh links (3), coupled to left and right thighs of the user through leg straps (4) respectively; two hip joint hinges (5), placed align to left and right hip joints of the user respectively, and configured for rotatably coupling the trunk link (1) and the two thigh links (3); and a torque generator (6), coupling to the two hip joint hinges (5) through Bowden cables (7), and configured to generate an assist torque to reduce moment burden to the user.

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