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(54) Title: PRESSURIZATION OF A SUPPORT STRUCTURE FOR HANDLING OF A PERSON

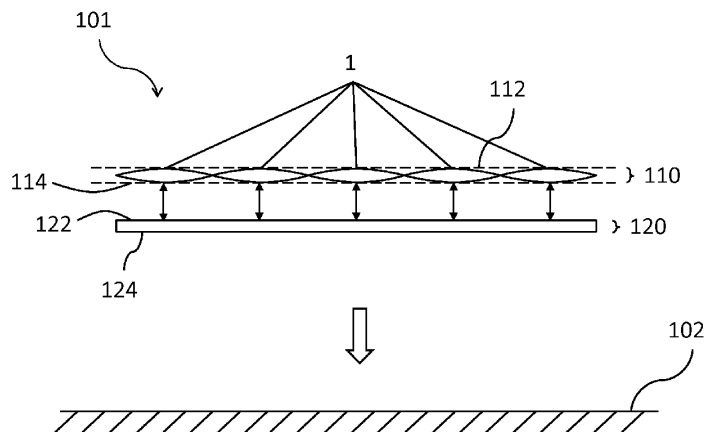


FIG. 2

(57) Abstract: The present disclosure relates to a system and method for controlling the pressurization of a support structure for handling of a person, the support structure comprising: a body comprising a row of at least two elongated sections adapted to be pressurized; a carrier plate, wherein, in a pressurized loaded condition of one or more of the elongated sections, the carrier plate is adapted to form an at least partially concavely curved front surface; a power unit adapted to pressurize one or more parts of the support structure individually via a respective valve; one or more sensors adapted to measure movements of the person and/or variations or deviations in pressurized parts of the support structure; and a controller configured to control the power unit to pressurize each part of the support structure that is adapted to be pressurized individually, based at least on sensor measurement data from the one or more sensors.

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