

Title (en)
DEVICE AND METHOD FOR THE LATERAL POSITIONING OF PERSONS

Title (de)
EINRICHTUNG UND VERFAHREN ZUR SEITENLAGERUNG VON PERSONEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE MISE EN POSITION LATÉRALE DE PERSONNES

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Application
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Abstract (en)
[origin: WO2011101109A1] The invention relates to a lateral positioning device for the variable lateral positioning of a recumbent person (6), having the following features: at least one actuator (4, 8, 10, 12, 13, 14, 92, 93, 94, 95, 96) acting on a resting surface (5) for the person (6), wherein, by means of the actuator (4, 8, 10, 12, 13, 14, 92, 93, 94, 95, 96), the angle (aL, aR) between the transverse axis (Q) of the resting surface (5) and the horizontal (H) can be varied, at least one sensor (7, 9) having an output signal which represents the respective angle (aL, aR) between the transverse axis (Q) and the horizontal (H), and at least one electronic control device (11) which is connected to the sensor (7, 9) and the actuator (4, 8, 10, 12, 13, 14, 92, 93, 94, 95, 96, 97) and is equipped i) to determine an actual inclined position from the output signal of the sensor (7, 9), ii) to adjust the angle (aL, aR) between the transverse axis (Q) of the resting surface (5) and the horizontal (H) by actuating the actuator such that the actual inclined position is set to a predetermined target inclined position. The invention further relates to a method for the variable lateral positioning of a recumbent person.

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• EP 0262771 A1 19880406 - TURNBLADE LTD [GB]
• DE 2408784 A1 19750828 - KUHN GOETZ GERD PROF DR MED
• US 2005268401 A1 20051208 - DIXON STEVEN A [US], et al

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