

Title (en)
MECHANIZED BED ASSEMBLY FOR THE PREVENTION AND THE TREATMENT OF DECUBITUS ULCERS OR BEDSORES ON IMMOBILE PATIENTS

Title (de)
MECHANISIERTE BETTENANORDNUNG ZUR VORBEUGUNG UND BEHANDLUNG VON DEKUBITALGESCHWÜREN ODER WUNDLIEGEN BEI IMMOBILEN PATIENTEN

Title (fr)
ENSEMBLE LIT MÉCANISÉ DESTINÉ À LA PRÉVENTION ET AU TRAITEMENT D'ESCARRES DE DÉCUBITUS CHEZ DES PATIENTS IMMOBILES

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Application
EP 20829698 A 20201008

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Abstract (en)
[origin: WO2021071369A1] The present invention relates to a bed assembly for the prevention and the treatment of decubitus ulcers or bedsores on immobile patients. The bed assembly comprises a rectangular bed frame defined by a pair of side frame members and a pair of end frame members, a plurality of spaced pusher assemblies arranged transversely within said bed frame, and a mattress provided on top of said plurality of pusher assemblies. The spaced pusher assemblies are adapted to be simultaneously rotated by a drive motor through a gear box, a drive shaft and a chain link assembly, and a programmable controller controls the activation of the drive motor. Weight detectors, a temperature sensor, and a moisture detector are further provided and are all in electrical communication with the controller and serve to provide input parameters for the activation of the drive motor. The spaced pusher assemblies are arranged in alternating manner, such that, every area of the mattress is moved in alternating pattern for every simultaneous rotation of the pusher assemblies.

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