Title (en)
MATTRESS SYSTEM

Title (de)
MATRATZENSYSTEM

Title (fr)
SYSTÈME DE MATELAS

Publication
EP 3579807 A1 20191218 (EN)

Application
EP 18703840 A 20180201

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Abstract (en)
[origin: GB2559455A] A mattress system comprising a plurality of interconnected chambers 16 and a control unit 14 connected to the chambers 16 and arranged to increase or decrease the pressure in the chambers 16 wherein the control unit has a sensor to detect the pressure in the chambers 16 and the control unit 14 can change from an active mode wherein it increases or decreases the pressure in the chambers 16 and a passive mode wherein it monitors the pressure in the chambers 16 depending on the pressure changes detected by the sensor. A calibration mode which measures weight based on a deflation time may be employed. The pressure readings may activate an alarm to indicate there is a risk of an ulcer developing. The device may measure whether a patient is moving sufficiently to avoid ulcers and may activate an alternating pattern of inflation. A pressure sensor mat may be used.

IPC 8 full level
A61G 7/057 (2006.01)

CPC (source: EP GB)
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GB 201719549 D0 20180110; **GB 2559455 A 20180808**; **GB 2559455 A8 20210616**; **GB 2559455 B 20200219**; **GB 2559455 B8 20210616**; EP 3579807 A1 20191218; GB 201702002 D0 20170322; GB 201919293 D0 20200205; GB 2578537 A 20200513; GB 2578537 A8 20210616; GB 2578537 A8 20230419; GB 2578537 B 20210303; GB 2578537 B8 20210616; GB 2578537 B8 20230419; WO 2018146458 A1 20180816

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