

Title (en)  
DEVICE INTENDED IN PARTICULAR FOR THE PREVENTION OF PRESSURE SORES

Title (de)  
VORRICHTUNG, INSBESONDERE ZUR DEKUBITUS-PROPHYLAXE

Title (fr)  
DISPOSITIF DESTINE NOTAMMENT A EMPECHER DES PLAIES DE DECUBITUS

Publication  
**EP 0799010 B1 19991215 (DE)**

Application  
**EP 95936504 A 19951016**

Priority  
• DE 4436652 A 19941016  
• EP 9504061 W 19951016

Abstract (en)  
[origin: WO9611659A1] The invention concerns a device intended in particular for the prevention of pressure sores and for treating shock lung. The device is fitted on the underside of a patient's bed and comprises a drive unit actuated by a motor and capable of imparting to the bed frame a precessional motion about the drive unit. The drive unit can be a bearing cage or gear mechanism. As a result of the particular design of elements incorporated in the drive unit, which generate a motion at an angle to the parallel plane of the bed frame, the bed frame is made by the drive unit to move in a precessional path about the drive unit. The drive unit can impart a minimal precessional motion to the bed frame and by so doing can ensure that the position of a bedridden patient undergoes constant tiny adjustments. This prevents the patient from developing pressure sores and, in the treatment of shock lung, allows those alveolar structures in the lung which are still intact to remain aerated. Peripheral or stop elements ensure that the frame is secure during its excursion from its horizontal position as it executes precessional motion and limit the excursion amplitude.

IPC 1-7  
**A61H 1/00**; **F16H 23/00**

IPC 8 full level  
**A47C 21/00** (2006.01); **A61H 1/00** (2006.01); **F16H 23/00** (2006.01)

CPC (source: EP)  
**A47C 21/006** (2013.01); **A61H 1/003** (2013.01); **A61H 2203/0456** (2013.01)

Cited by  
WO0150921A1; US7305727B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9611659 A1 19960425**; AT E187634 T1 20000115; DE 4436652 C1 19951221; DE 59507448 D1 20000120; DK 0799010 T3 20000501; EP 0799010 A1 19971008; EP 0799010 B1 19991215; ES 2139946 T3 20000216

DOCDB simple family (application)  
**EP 9504061 W 19951016**; AT 95936504 T 19951016; DE 4436652 A 19941016; DE 59507448 T 19951016; DK 95936504 T 19951016; EP 95936504 A 19951016; ES 95936504 T 19951016