

Title (en)

Safety device for elevation beds

Title (de)

Sicherheitseinrichtung bei Hubbetten

Title (fr)

Dispositif de sécurité pour lits élevables

Publication

EP 1728493 B1 20090311 (DE)

Application

EP 06010458 A 20060520

Priority

DE 202005008523 U 20050530

Abstract (en)

[origin: DE202005008523U1] The bed (1) or bench is fitted with telescopic bars (2) at its four corners and an electric drive (3) attached to the transversal elements (4) between the legs (2) for lifting and lowering the sleeping area by extending the bars (2) with a spindle mechanism. The electric drive (3) is controlled with a foot pedal (5) comprising two separately controlled segments (5.1, 5.2). One segment (5.1) is used for activating the lifting or lowering mechanism, the second (5.2) initiates a stop function when the lowered area is moved across a limit, threatening to squash the foot of the user.

IPC 8 full level

A61G 7/018 (2006.01); **A47C 19/00** (2006.01); **A47C 19/04** (2006.01); **A61G 7/012** (2006.01)

CPC (source: EP US)

A47C 19/045 (2013.01 - EP US); **A61G 7/018** (2013.01 - EP US); **A61G 7/1063** (2013.01 - EP); **A61G 7/012** (2013.01 - EP US); **A61G 2203/72** (2013.01 - EP)

Designated contracting state (EPC)

DE DK FR

DOCDB simple family (publication)

DE 202005008523 U1 20050915; DE 502006003058 D1 20090423; DK 1728493 T3 20090602; EP 1728493 A1 20061206; EP 1728493 B1 20090311; JP 2006334403 A 20061214; US 2007180620 A1 20070809

DOCDB simple family (application)

DE 202005008523 U 20050530; DE 502006003058 T 20060520; DK 06010458 T 20060520; EP 06010458 A 20060520; JP 2006147844 A 20060529; US 42082406 A 20060530