

Title (en)

SOFA BED AND ITS OPEN-CLOSE MECHANISM

Title (de)

SOFABETT UND DESSEN ÖFFNUNGS- BZW. SCHLIESSMECHANISMUS

Title (fr)

CANAPE-LIT ET SON MECANISME D'OUVERTURE ET DE FERMETURE

Publication

**EP 1610648 B1 20070131 (EN)**

Application

**EP 04713953 A 20040224**

Priority

- IB 2004000568 W 20040224
- IT BA20030019 A 20030404

Abstract (en)

[origin: WO2004086913A1] Divan bed comprising an almost parallelepiped frame structure, a plurality of movable frames, each constrained and movable according to roto-translative motions from a closing to an opening position, wherein said frames in the closing position are sequentially folded one over the other, and in the opening position, are consecutively aligned, and a mechanism able to move said frames characterized in that the mechanism comprises at least one lever, hinged in the node between the frame (2), a headrest, and the adjacent frame (3). In this way, undesired closure of the divan bed cannot occur.

IPC 8 full level

**A47C 17/22** (2006.01)

CPC (source: EP US)

**A47C 17/1756** (2013.01 - EP); **A47C 17/20** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004086913 A1 20041014**; AT E352991 T1 20070215; CA 2521015 A1 20041014; CA 2521015 C 20120918; CN 100594824 C 20100324; CN 1761421 A 20060419; DE 602004004583 D1 20070322; DE 602004004583 T2 20071227; EP 1610648 A1 20060104; EP 1610648 B1 20070131; ES 2280945 T3 20070916; IT BA20030019 A1 20041005; PT 1610648 E 20070330; RU 2005133983 A 20070520; RU 2350240 C2 20090327; UA 89164 C2 20100111; US 2007094788 A1 20070503

DOCDB simple family (application)

**IB 2004000568 W 20040224**; AT 04713953 T 20040224; CA 2521015 A 20040224; CN 200480007044 A 20040224; DE 602004004583 T 20040224; EP 04713953 A 20040224; ES 04713953 T 20040224; IT BA20030019 A 20030404; PT 04713953 T 20040224; RU 2005133983 A 20040224; UA A200510423 A 20040224; US 55090904 A 20040224