Title (en)
   BED DEVICE

Title (de)
   BETTVORRICHTUNG

Title (fr)
   DISPOSITIF DE LIT

Publication
   EP 3970565 A4 20230118 (EN)

Application
   EP 20865966 A 20200225

Priority
   • JP 2019170327 A 20190919
   • JP 2020007455 W 20200225

Abstract (en)
   [origin: EP3970565A1] This bed device comprises a bed frame, a back bottom, a waist bottom coupled to the back bottom, a leg bottom which
   includes a femoral bottom coupled to the waist bottom, and a driving mechanism for deforming the back bottom, the waist bottom, and the leg bottom
   into at least a recumbent state in which the back bottom is horizontal and a sitting state in which the back bottom is standing and the femoral bottom
   is positioned at an end section of the bed frame. The driving mechanism can rotate the femoral bottom about one end of the femoral bottom coupled
   to the waist bottom in the recumbent state and in the sitting state.

IPC 8 full level
   A61G 7/16 (2006.01); A61G 7/012 (2006.01); A61G 7/015 (2006.01)

CPC (source: EP)
   A61G 7/16 (2013.01); A61G 7/012 (2013.01); A61G 7/015 (2013.01)

Citation (search report)
   • [XA] JP 2006109930 A 20060427 - IURA CO LTD
   • [XA] US 2014259388 A1 20140918 - MANSON WAYNE SMEATON [NZ]
   • [A] US 2016120717 A1 20160505 - WURDEMAN BYRON WADE [US]
   • [X] JP S5519125 A 19800209 - GODO BUTSUSAN KK
   • [X] JP 2003290296 A 20031014 - FRANCE BED CO

Designated contracting state (EPC)
   AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
   EP 3970565 A1 20220323; **EP 3970565 A4 20230118**; CN 114269206 A 20220401; JP 2021045381 A 20210325; JP 2022000230 A 20220104;
   JP 2022186990 A 20221215; JP 6957572 B2 20211102; JP 7171868 B2 20221115; JP 7375147 B2 20231107; TW 202112334 A 20210401;
   TW I737213 B 20210821; WO 2021053849 A1 20210325

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   EP 20865966 A 20200225; CN 202080049432 A 20200225; JP 2019170327 A 20190919; JP 2020007455 W 20200225;
   JP 2021159342 A 20210929; JP 2022172412 A 20221027; TW 109107861 A 20200310