

Title (en)  
BED FRAME FOR CONVENIENT CHANGING OF BED SHEET

Title (de)  
BETTGESTELL ZUM BEQUEMEN WECHSELN VON LAKEN

Title (fr)  
CADRE DE LIT POUR CHANGEMENT PRATIQUE DE DRAP DE LIT

Publication  
**EP 3782514 A4 20220105 (EN)**

Application  
**EP 19789523 A 20190419**

Priority  
• CN 201820583904 U 20180420  
• CN 2019083387 W 20190419

Abstract (en)  
[origin: EP3782514A1] A bed frame convenient for changing bed sheets includes a base, a rotation module for accommodating a mattress located above the base ,a sliding module located between the rotation module and the base ,a sliding device located between the sliding module and the base , wherein the sliding module is able to slide along a length of the base through the sliding device, and a rotation device located between the sliding module and the rotation module, wherein the rotation module is able to rotate around a central axis of the sliding module through the rotation device. Through the cooperation of the sliding device and the rotation device, a staff is able to change the bed sheet only by standing in one position, which greatly saves energy and time of the staff. After changing the bed sheet every time, the mattress is rotated exactly 180 degrees, which is able to extend the life of the mattress.

IPC 8 full level  
**A47C 19/02** (2006.01); **A47C 19/22** (2006.01)

CPC (source: EP US)  
**A47C 19/021** (2013.01 - US); **A47C 19/04** (2013.01 - US); **A47C 21/028** (2013.01 - EP)

Citation (search report)  
• [A] DE 102008057696 A1 20100325 - MUEHLE WERNER [DE]  
• [A] US 4999864 A 19910319 - CREWS PAUL B [US]  
• [AD] CN 203815016 U 20140910 - VIENNA HOTEL CO LTD  
• See references of WO 2019201329A1

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)  
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