

Title (en)
MOBILE STRETCHER

Title (de)
FAHRBARE RETTUNGSLIEGE

Title (fr)
BRANCARD DE SAUVETAGE MOBILE

Publication
EP 3761936 B1 20221116 (DE)

Application
EP 19718582 A 20190401

Priority
• DE 102018109352 A 20180419
• EP 2019058147 W 20190401

Abstract (en)
[origin: WO2019201579A1] In a mobile stretcher, in order to change the height position of a patient support mounted on a chassis, the geometry of the chassis is modifiable by means of a hydraulic drive system. The latter comprises a linear actuator, a pressure supply unit, and a receiving space for hydraulic fluid, and it moreover has a manually actuatable unlocking valve unit (14) for the direct connection of a stroke working space of the linear actuator to the receiving space for hydraulic fluid. The unlocking valve unit (14) has a control space (28), which is delimited by a piston element (30) guided movably relative to the housing (21) of the valve unit and which communicates with the stroke attachment (23) communicating with the stroke working space. The piston element (30) is operatively connected here to a valve body (27) which interacts with a valve seat (26) of a relief valve (16) configured between the stroke attachment (23) and a tank attachment (25) communicating with the receiving space (6). Moreover, a mechanical actuation input (35) of the valve unit (14) acts on the valve body (27), with interpositioning of a spring element (40).

IPC 8 full level
A61G 1/013 (2006.01); **A61G 1/02** (2006.01); **A61G 1/056** (2006.01); **A61G 7/012** (2006.01); **F15B 13/01** (2006.01)

CPC (source: EP US)
A61G 1/013 (2013.01 - US); **A61G 1/02** (2013.01 - EP US); **A61G 1/0567** (2013.01 - EP); **A61G 7/012** (2013.01 - EP);
A61G 2203/70 (2013.01 - EP)

Citation (examination)
DE 3611437 C2 19930805

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)
WO 2019201579 A1 20191024; CN 112118819 A 20201222; CN 112118819 B 20221101; DE 102018109352 A1 20191024;
EP 3761936 A1 20210113; EP 3761936 B1 20221116; US 11219562 B2 20220111; US 2021369513 A1 20211202

DOCDB simple family (application)
EP 2019058147 W 20190401; CN 201980026889 A 20190401; DE 102018109352 A 20180419; EP 19718582 A 20190401;
US 201917048673 A 20190401