

Title (en)
Vertically adjustable stretcher

Title (de)
Vertikal justierbarer Träger

Title (fr)
Civière ajustable verticalement

Publication
EP 1598042 A3 20060118 (EN)

Application
EP 05005885 A 20050317

Priority
FI U20040211 U 20040521

Abstract (en)
[origin: EP1598042A2] An adjustable support apparatus (1) comprising, first (12) and second (10) support elements, which are, in use, spaced vertically from each other and are moveable relative to each other between a first position, in which they are spaced from each other, and a second position, in which they lie closer to each other, first (14) and second (16) cross members connecting the first (12) and second (10) support elements to each other, at each side of the apparatus (1), said cross members (14, 16) being pivotally connected to each other between their ends with the first cross member (14) being pivotally connected at one end to the second support element (10) and connected at its opposite end to the first support element (12), and with the second cross member (16) being pivotally connected at one end to the first support element (12) and connected at its opposite end to the second support element (10), and actuating means (21) for effecting movement of the first (12) and second (10) support elements relative to each other, characterised in that the connection of each of the first cross members (14) to the first support element (12) includes a rack gear (34) connected to the first support element (12) and the corresponding end of both of the first cross members (14) supports a respective pinion gear (35) which engages the respective rack gear (34) on the first support element (12), with the pinion gears (35) of both of the first cross members (14) being rotationally fast with each other.

IPC 8 full level
A61G 7/012 (2006.01); **A61G 1/06** (2006.01); **B66F 7/08** (2006.01); **A61G 11/00** (2006.01)

CPC (source: EP GB)
A61G 1/013 (2013.01 - GB); **A61G 1/0212** (2013.01 - EP); **A61G 1/0237** (2013.01 - EP); **A61G 1/0287** (2013.01 - EP);
A61G 1/0293 (2013.01 - EP); **A61G 1/0567** (2013.01 - EP); **A61G 3/08** (2013.01 - GB); **A61G 7/012** (2013.01 - EP); **B66F 7/0625** (2013.01 - EP);
B66F 7/065 (2013.01 - EP); **B66F 7/08** (2013.01 - EP); **A61G 11/00** (2013.01 - EP)

Citation (search report)
• [XY] DE 4327897 A1 19940310 - STARFORT DI PAUL STUBENRUSS BR [IT]
• [Y] WO 9420405 A1 19940915 - SAMHALL REHAB AB [SE], et al

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JP2022061041A; EP2581071A1; EP3545928A1; CN112079303A; GB2545289A; CN107010558A; CN109946652A; GB2545289B; EP3453372A1; EP4272718A1; IT202200009314A1; WO2013053849A1

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DOCDB simple family (application)
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