

Title (en)

Structure for disabled persons comprising a wheelchair, with a device connected to the rear side, for the lateral transfer of the patient

Title (de)

Struktur für behinderte Personen mit einem Rollstuhl, mit einer an die Rückseite verbundenen Vorrichtung, zum seitlichen Transport des Patienten

Title (fr)

Structure pour personnes handicapées comprenant un fauteuil roulant avec un dispositif connecté à l'arrière pour le transfert latéral du patient

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Application

EP 11425092 A 20110407

Priority

IT NA20100018 A 20100426

Abstract (en)

The invention has the object to offer a proper support to disabled persons affected by motor disabilities and obligate to live on a wheelchair. This invention relates to a structure for disabled persons comprising a wheelchair with a device, connected to the rear side, for the lateral transfer of the patient, characterized in: a telescopic section (16, 17) that is installed with brackets on a rear side of the wheelchair (20, 21) and that is manhandled through a winch (12) by an assistant; a jib (13), placed at the end of the upper element (17) of the telescopic section, characterized by rotating motion, whose purpose is the lateral displacement of the patient; a stabilizing rod (15), placed on a rear side of the wheelchair, whose purpose is to support the structure during the lateral displacement of the patient; a safety device (7) (8) applied to the crank (5) of the winch (12) that does not allow to lift an exceeding weight; one more safety device (6), applied to the crank (5) of the which, that does not allow to turn the crank (5) if the stabilizing rod (15) is closed and the structure is not stable; two swivel and removable front wheels (1), positioned sideways of the footboard, increasing the stability of the structure. The state of the art on the devices to lift disabled persons was congested to the devices used to lift engines in the machine shop and to strange and weighty devices similar to cranes, afterward adapted for lifting people. However, in view of the excessive size and the high financial cost, such devices in practice are not used.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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