

Title (en)
Person transfer apparatus

Title (de)
Personentransportvorrichtung

Title (fr)
Appareil de transfert de personnes

Publication
EP 2415444 A2 20120208 (EN)

Application
EP 11275104 A 20110713

Priority
GB 201013187 A 20100805

Abstract (en)
Apparatus for transferring a person in a supine position laterally between two support surfaces (18, 20) positioned adjacent one another includes a rail assembly with a pair of guide rails (26, 28) and a person support structure (24) movably mountable on the guide rails. The person support structure has a supporting frame (34) and a flexible substrate (36) removably mountable across the supporting frame for suspending a person in a supine position. The rail assembly comprises at least one inflatable actuator (62) for raising the guide rails above a supporting surface (18) to provide sufficient clearance when transferring the person. The actuator (62) may include one or more soft walled inflatable beams (64) located between a cross member (30) interconnecting one end of the rails and the support surface (18).

IPC 8 full level
A61G 7/10 (2006.01)

CPC (source: EP)
A61G 7/1026 (2013.01); **A61G 7/1034** (2013.01); **A61G 7/1057** (2013.01)

Cited by
CN111513956A; CN108578128A; CN109106517A; CN108294868A; CN112603667A; EP3522846A4; AU2017351746B2; US11103403B2; US9320667B2; US9439823B2; US9445963B2; US9675509B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2415444 A2 20120208; **EP 2415444 A3 20121017**; GB 201013187 D0 20100922

DOCDB simple family (application)
EP 11275104 A 20110713; GB 201013187 A 20100805