

Title (en)
Patient support systems.

Title (de)
Patientenliegevorrichtung.

Title (fr)
Système de support pour patient.

Publication
EP 0569057 A2 19931110 (EN)

Application
EP 93112136 A 19891207

Priority
• EP 93112136 A 19891207
• US 28807188 A 19881220

Abstract (en)
A patient support system has a fluidizable surface formed by air fluidizing a mass of fluidizable material (50), and a surface formed by a plurality of inflatable sacks (36) which may be disposed on an articulatable member. The two surfaces are disposed end to end so that the inflatable sacks (36) support the head, chest and upper torso of a patient, and the fluidised material (50) supports the buttocks, legs and feet of the patient. The fluidizable material (50) is contained by a member (66) which is at least partially collapsible so as to facilitate the patient's ingress and egress to and from the support system, the collapsible member for example comprising an air impermeable panel which can form an inflatable elastic wall (66) having one or more internal webs defining separately pressurizable compartments. A blower (40) inflates the sacks, the elastic wall (66), and the fluidizable material under the control of a microprocessor which controls actuation of various valves and the blower (40) according to signals inputted by operating personnel or supplied by various sensors which monitor the patient support system. <IMAGE>

IPC 1-7
A61G 7/057

IPC 8 full level
A61G 7/057 (2006.01)

CPC (source: EP)
A61G 7/05746 (2013.01); **A61G 2203/34** (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0569057 A2 19931110; EP 0569057 A3 19931201

DOCDB simple family (application)
EP 93112136 A 19891207