

Title (en)
SUSPENSION DEVICE FOR RELIEVING THE SPINAL COLUMN

Publication
EP 0237996 B1 19911211 (DE)

Application
EP 87103727 A 19870314

Priority
DE 8607102 U 19860314

Abstract (en)
[origin: EP0237996A2] The suspension device (10) has a tilting panel (11), a beam (15) to be suspended from a ceiling (14), and a hanging arrangement (16) for hanging a part of the body. The tilting panel can be turned to and fro at one end about a pivot axis (19). The other end is connected via a cable (12) to one end of the beam. The hanging arrangement is connected to the other end via a connection part (17). When a person (25) suspended in the hanging arrangement steps on the tilting panel, the free end of the latter moves downwards, this movement being transmitted to that end of the beam to which the cable is secured. In this way, the other end of the beam, and with it the hanging arrangement, moves upwards, as a result of which the suspended person is relieved. This relief is greater or lesser depending on where the pressure point (28) of the foot lies on the tilting panel. If the person has placed his legs upon the tilting panel at different distances from the pivot axis thereof and if he rocks from one foot to the other, or bends and stretches the legs lightly and relatively quickly, continuous alternation between relatively strong and relatively slight relief can be obtained. <IMAGE>

IPC 1-7
A61H 1/02

IPC 8 full level
A61H 1/02 (2006.01)

CPC (source: EP)
A61H 1/0229 (2013.01); **A61H 2201/1616** (2013.01)

Cited by
GB2413084A; WO9406392A1

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

DOCDB simple family (publication)
EP 0237996 A2 19870923; EP 0237996 A3 19880817; EP 0237996 B1 19911211; AT E70176 T1 19911215; DE 3775089 D1 19920123; DE 8607102 U1 19860424

DOCDB simple family (application)
EP 87103727 A 19870314; AT 87103727 T 19870314; DE 3775089 T 19870314; DE 8607102 U 19860314