

Title (en)

A controller for lumbar traction with biofeedback

Title (de)

Verfahren zur Steuerung einer Streckliege mit Rückkopplung der Muskelaktivität

Title (fr)

Régulateur pour traction lombaire avec bio-contre-réaction

Publication

EP 0811364 A3 19990310 (DE)

Application

EP 97109211 A 19970605

Priority

DE 19622564 A 19960605

Abstract (en)

[origin: EP0811364A2] The method involves controlling the traction force and time variation according to the selected treatment mode and the parameter values which have been set. The muscular activity in the patient's back is monitored continuously and used to adapt the traction force demand value dynamically and automatically according to preset criteria, to achieve an instantaneous reduction in traction force for strong muscular activity.

IPC 1-7

A61H 1/02

IPC 8 full level

A61H 1/02 (2006.01)

CPC (source: EP)

A61H 1/0222 (2013.01); **A61H 2230/08** (2013.01)

Citation (search report)

- [XY] US 4579109 A 19860401 - LUNDBLAD LEIF [SE]
- [Y] DE 3618686 A1 19871223 - EFFNER UND SPREINE GMBH [DE]
- [A] DE 3308809 A1 19840906 - STEINDORF SUSANNE RUTH [DE]
- [AD] DE 2744275 A1 19780503 - ENRAF NONIUS

Cited by

EP1121956A1; US7172564B2; WO0156650A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0811364 A2 19971210; EP 0811364 A3 19990310; DE 19622564 A1 19971211; DE 19622564 C2 20010322

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