

Title (en)
BODY PART IMMOBILIZATION DEVICE

Title (de)
VORRICHTUNG ZUM IMMOBILISIEREN VON KÖRPERTEILEN

Title (fr)
DISPOSITIF D'IMMOBILISATION DE PARTIES DU CORPS

Publication
EP 1017341 A4 20000712 (EN)

Application
EP 96909725 A 19960315

Priority
US 9603594 W 19960315

Abstract (en)
[origin: WO9733541A1] An improved immobilization device (10) for specific patients and body parts is provided which insures that a body part is immobilized and can be successively repositioned in the same location during successive treatments. The device (10) is thus particularly applicable for treatment such as radiation therapy where it is important to properly focus treating radiation on a particular locale from treatment-to-treatment. The device (10) preferably includes a frame assembly (16) adapted to rest upon a surface and which supports a preformed, shape-retaining material (12) presenting a concavity (14) substantially conforming with a selected body part to be immobilized. The device (10) when used for head immobilization, may also be provided with a stabilizer (98) in the form of an adjustably positioned bite block (134). Hold-down straps (52, 54) can also be employed for further immobilization. Additional immobilization may also be provided by a nose bridge hold-down assembly (136) operably coupled to frame assembly (16) and engaging nose bridge and eyebrow region of the patient.

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A61F 5/00

IPC 8 full level
A61B 19/00 (2006.01); **A61F 5/37** (2006.01)

CPC (source: EP)
A61B 90/14 (2016.02); **A61B 90/16** (2016.02); **A61B 90/18** (2016.02); **A61F 5/3707** (2013.01); **A61N 2005/1097** (2013.01)

Citation (search report)
• [X] US 4979519 A 19901225 - CHAVARRIA LAZARO [US], et al
• [X] US 5464411 A 19951107 - SCHULTE REINHARD W [US], et al
• [A] FR 2687918 A1 19930903 - BEVERLY [FR]
• See references of WO 9733541A1

Designated contracting state (EPC)
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