

Title (en)
PATIENT POSITIONING DEVICE

Title (de)
PATIENTENPOSITIONIERVORRICHTUNG

Title (fr)
DISPOSITIF DE POSITIONNEMENT DE PATIENT

Publication
EP 1919364 A1 20080514 (DE)

Application
EP 06793009 A 20060825

Priority
• EP 2006065674 W 20060825
• DE 102005041606 A 20050901

Abstract (en)
[origin: WO2007025936A1] The invention relates to a patient-positioning device for positioning a patient in an irradiation position in a radiation therapy arrangement, in particular in a particle radiation therapy arrangement comprising a patient supporting module, which is provided with a patient supporting device for holding the patient in a body holder where the irradiation is to be carried out, wherein, said patient supporting device is mounted on a base unit in such a way that it is rotatable about an axis by means of a bearing, said base unit is provided with a coupling element (13), the inventive device is also provided with a positioning arm (21), which comprises several joints (25) and a coupling point for coupling the coupling element and for freely positioning the patient in any predefined irradiation position by adjusting the angle of rotation of the patient supporting module.

IPC 8 full level
A61B 6/04 (2006.01); **A61B 6/00** (2006.01); **A61N 5/10** (2006.01); **B25J 9/00** (2006.01); **B25J 19/06** (2006.01); **G21K 5/10** (2006.01)

CPC (source: EP US)
A61B 6/0487 (2020.08 - EP US); **A61B 6/4476** (2013.01 - EP US); **A61N 5/1049** (2013.01 - EP US); **A61N 5/1078** (2013.01 - EP US); **B25J 11/00** (2013.01 - EP US); **B25J 19/063** (2013.01 - EP US); **A61N 2005/1087** (2013.01 - EP US)

Citation (search report)
See references of WO 2007025936A1

Cited by
CN104307113A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005041606 A1 20070308; **DE 102005041606 B4 20070927**; EP 1919364 A1 20080514; US 2008234865 A1 20080925; US 7741623 B2 20100622; WO 2007025936 A1 20070308

DOCDB simple family (application)
DE 102005041606 A 20050901; EP 06793009 A 20060825; EP 2006065674 W 20060825; US 6478706 A 20060825