

Title (en)
RADIATION THERAPY OF PROTRUDING AND/OR CONFORMABLE ORGANS

Title (de)
STRAHLENTHERAPIE VON VORSTEHENDEN UND/ODER ANPASSBAREN ORGANEN

Title (fr)
RADIOTHÉRAPIE DES ORGANES SAILLANTS ET/OU COMPATIBLES

Publication
EP 2891171 A4 20160427 (EN)

Application
EP 13832747 A 20130829

Priority
• US 201261694313 P 20120829
• US 2013057232 W 20130829

Abstract (en)
[origin: WO2014036225A1] A system provided for delivering Accelerated Partial Breast Irradiation (APBI) and for delivering a boost to standard whole-breast irradiation (WBI) for the treatment of breast cancer that significantly reduces the risks of adverse cosmetic outcomes and toxicities. This is achieved by a method and device for delivering a uniform radiation dose to the target volume with significantly reduced dose to the non-target volume, skin and chest wall of the ipsilateral breast, and virtually no dose to the contralateral breast, lungs, and heart.

IPC 8 full level
H01J 35/14 (2006.01); **A61N 5/10** (2006.01)

CPC (source: EP US)
A61N 5/1077 (2013.01 - EP US); **A61N 5/1081** (2013.01 - EP); **A61N 2005/1094** (2013.01 - EP)

Citation (search report)
• [XY] US 2849621 A 19580826 - CLARK JOHN W
• [XY] US 3048701 A 19620807 - THOMAS EUGENE P
• [X] US 2009154646 A1 20090618 - CAROL MARK PHILIP [US], et al
• [XYI] US 2004184577 A1 20040923 - CARLSSON PER [SE], et al
• See references of WO 2014036225A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014036225 A1 20140306; EP 2891171 A1 20150708; EP 2891171 A4 20160427

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US 2013057232 W 20130829; EP 13832747 A 20130829