

Title (en)
GASTRIC RING WITH FACETS

Title (de)
MAGENBAND MIT FACETTEN

Title (fr)
ANNEAU GASTRIQUE A FACETTES

Publication
EP 2421485 A1 20120229 (FR)

Application
EP 10713944 A 20100415

Priority
• EP 2010054915 W 20100415
• FR 0952601 A 20090421

Abstract (en)
[origin: WO2010121936A1] The invention relates to an implantable surgical ring (1) intended for being placed around a biological organ forming a bag in order to modify the flow area thereof, said ring comprising a flexible strip (2) capable of winding around an axis (X-X') to form a loop around the organ and which has one ventral surface (10). Said flexible strip (2) is preformed such that the ventral surface is curved around said axis (X-X') and divided into a plurality of contiguous and intersecting facets (20, 120, 220, 320) which are connected to one another by transition areas (21, 121, 221) forming predefined hinging creases with angle coverage with respect to the axis (X-X') of no more than 5°, each facet (20, 120, 220, 320) covering an angle sector substantially between 15° and 35°.

IPC 8 full level
A61F 5/00 (2006.01); **A61F 2/00** (2006.01)

CPC (source: EP US)
A61F 2/004 (2013.01 - EP US); **A61F 5/0033** (2013.01 - EP US); **A61F 5/005** (2013.01 - EP US); **A61F 5/0056** (2013.01 - EP US)

Citation (search report)
See references of WO 2010121936A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
FR 2944430 A1 20101022; BR PI1015029 A2 20180130; EP 2421485 A1 20120229; US 2012041458 A1 20120216;
WO 2010121936 A1 20101028

DOCDB simple family (application)
FR 0952601 A 20090421; BR PI1015029 A 20100415; EP 10713944 A 20100415; EP 2010054915 W 20100415; US 201113276616 A 20111019