

Title (en)

Cryostat with stabilised outer vessel

Title (de)

Kryostat mit stabilisiertem Aussengefäß

Title (fr)

Cryostat doté d'un récipient extérieur stabilisé

Publication

**EP 2039980 B1 20100407 (DE)**

Application

**EP 07018697 A 20070924**

Priority

EP 07018697 A 20070924

Abstract (en)

[origin: EP2039980A1] The cryostat (110) has an interior container (112) and an outer container (114), and a cavity (126) is arranged between the interior container and the outer container. The cavity is subjected with a negative pressure, and outer container has a base unit (130). The base unit has a thickness variation area with a concentrically varying base thickness. The base thickness for center of the base unit assumes a smaller value than external area. Independent claims are included for the following: (1) a biomagnetic measuring system, which has a biomagnetic sensor for detection of a magnetic field; and (2) a method for manufacturing a cryostat for insertion in a biomagnetic measuring system.

IPC 8 full level

**F17C 3/08** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP US)

**F17C 3/085** (2013.01 - EP US); **F17C 2203/0391** (2013.01 - EP US); **F17C 2203/0629** (2013.01 - EP US); **F17C 2209/232** (2013.01 - EP US); **F17C 2260/024** (2013.01 - EP US); **F17C 2270/02** (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2039980 A1 20090325**; **EP 2039980 B1 20100407**; AT E463700 T1 20100415; CA 2725703 A1 20090402; DE 502007003414 D1 20100520; US 2011031253 A1 20110210; WO 2009040100 A1 20090402

DOCDB simple family (application)

**EP 07018697 A 20070924**; AT 07018697 T 20070924; CA 2725703 A 20080924; DE 502007003414 T 20070924; EP 2008008068 W 20080924; US 67903108 A 20080924