

Title (en)

DEVICE FOR RESTORING COMPETENCE TO VENOUS VALVES

Title (de)

VORRICHTUNG ZUR WIEDERHERSTELLUNG DER TAUGLICHKEIT VON VENENKLAPPEN

Title (fr)

DISPOSITIF DESTINE A RETABLIR LA CAPACITE DES VALVULES DU SINUS VEINEUX

Publication

**EP 0898463 A1 19990303 (EN)**

Application

**EP 97922522 A 19970428**

Priority

- US 9707151 W 19970428
- US 63946896 A 19960429

Abstract (en)

[origin: WO9740755A1] An implantable support device that is applied externally about a vein at an incompetent venous valve site which device serves to flatten or compress but not occlude the vein. Flattening is induced generally normal to the coapting edges of the valve cusps restoring the competence of the valve by causing an elongating tension to be applied to the free edges of the cusps to bring them into apposition. In the preferred embodiment, the support has opposed compression members fabricated from a biocompatible material and incorporates a reinforcing or spring-like member such as stainless steel wire to provide strength and rigidity.

IPC 1-7

**A61B 17/122**; **A61F 2/06**

IPC 8 full level

**A61B 17/122** (2006.01); **A61F 2/06** (2013.01); **A61F 2/24** (2006.01)

CPC (source: EP)

**A61B 17/1227** (2013.01); **A61F 2/2475** (2013.01); **A61F 2/2442** (2013.01)

Citation (search report)

See references of WO 9740755A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**WO 9740755 A1 19971106**; AU 2817097 A 19971119; AU 718164 B2 20000406; CA 2252894 A1 19971106; EP 0898463 A1 19990303; JP 2000510006 A 20000808

DOCDB simple family (application)

**US 9707151 W 19970428**; AU 2817097 A 19970428; CA 2252894 A 19970428; EP 97922522 A 19970428; JP 53914397 A 19970428