

Title (en)

DEVICE FOR REMOVING CONCRETIONS FROM BODY VESSELS

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON KONKREMENTEN IN KÖRPERGEFÄßEN

Title (fr)

DISPOSITIF POUR EXTRAIRE DES CONCRÉTIONS PRÉSENTES DANS DES VAISSEAUX DU CORPS

Publication

EP 2273930 A2 20110119 (DE)

Application

EP 09737902 A 20090504

Priority

- EP 2009003188 W 20090504
- DE 102008021711 A 20080502
- DE 102008059547 A 20081128

Abstract (en)

[origin: WO2009132858A2] The invention relates to a device for removing concretions from body vessels, comprising at least one compressible receiving element (20) for receiving concretions and a supply device (10) for guiding the compressed receiving element (20). The invention is characterized in that the receiving element (20) comprises a fluid-tight cover (21) which forms a, particularly proximal, hollow space (30a) that can be closed by the concretion to be removed. According to the invention, an actuation device (11) is assigned to the receiving element (20), which during use is in operative connection with the cover (21) and/or the hollow space (30a) such that a different pressure can be set inside the hollow space (30a) than outside said hollow space (30a) for moving, particularly detaching, the concretion to be removed.

IPC 8 full level

A61B 17/22 (2006.01); **A61B 17/221** (2006.01); **A61B 17/34** (2006.01); **A61B 19/00** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP)

A61B 17/22031 (2013.01); **A61B 17/221** (2013.01); **A61B 2017/2212** (2013.01); **A61B 2017/2215** (2013.01); **A61B 2017/347** (2013.01); **A61B 2090/034** (2016.02)

Citation (search report)

See references of WO 2009132858A2

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008059547 A1 20091105; **DE 102008059547 B4 20220825**; EP 2273930 A2 20110119; WO 2009132858 A2 20091105; WO 2009132858 A3 20100401

DOCDB simple family (application)

DE 102008059547 A 20081128; EP 09737902 A 20090504; EP 2009003188 W 20090504