

Title (en)
CLOT REMOVAL DEVICES AND METHODS

Title (de)
VORRICHTUNGEN UND VERFAHREN ZUR GERINNSELENTFERNUNG

Title (fr)
DISPOSITIFS ET PROCÉDÉS DE RETRAIT DE CAILLOT

Publication
EP 2770914 A4 20150916 (EN)

Application
EP 12849606 A 20121023

Priority

- US 201113279870 A 20111024
- US 201113279891 A 20111024
- US 201113279880 A 20111024
- US 201113279898 A 20111024
- IB 2012003053 W 20121023

Abstract (en)
[origin: WO2013072777A2] A clot removal device and method for removing a clot from a blood vessel may include an expandable clot engagement element, an expandable clot capture element, and a sheath surrounding and compressing the capture element and the engagement element. The sheath may be removable to thereby enable the capture element to expand in a blood vessel in which the sheath is deployed, and to enable the engagement element to expand within the capture element. Additionally, a clot removal device and method for removing a clot from a blood vessel may employ a tubular clot capture element for deployment in a blood vessel for surrounding a clot, such that when the clot capture element surrounds a clot and is retracted in a longitudinal direction of the blood vessel, the clot capture element is configured to exert a radially inward compression force on the clot. Further, a clot removal device and method may include a tubular clot capture element having a first internal diameter and a clot engaging element having a second external diameter. The first diameter and the second diameter may be selected to permit the clot engaging element to be rotated within the tubular clot capture element. Further still, a clot removal device and method may employ a shaft and a clot engagement element on an end of the shaft, both configured for deployment in a blood vessel. The clot removal device may also include a stabilizer configured to at least partially surround the shaft and to maintain a portion of the shaft in a non-contacting relationship with the blood vessel wall.

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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