

Title (en)

MECHANICAL APPARATUS AND METHOD FOR DILATING AND DELIVERING A THERAPEUTIC AGENT

Title (de)

MECHANISCHES GERÄT UND VERFAHREN ZUR DILATATION UND ABGABE EINES THERAPEUTISCHEN MITTELS

Title (fr)

DISPOSITIF MECANIQUE, ET PROCEDE, POUR LA DILATATION, ET LA DELIVRANCE D'AGENT THERAPEUTIQUE

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Application

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Abstract (en)

[origin: WO2004098697A1] A mechanical dilatation and medicament delivery device (11) for enlarging a flow passage by dilating and delivering a liposome or micelle-encapsulated therapeutic agent to an obstruction in the vessel. The invention comprises a substantially cylindrically shaped expansion member (31) and includes a means engaged to the expansion member for altering the distance between the proximal end and the distal end of the expansion member by transforming the expansion member between a diametrically contracted configuration to diametrically expanded configuration. A liposome or micelle-encapsulated therapeutic agent or medicament is coated on either the expansion member, or incorporated into a substrate coated on the expansion member.

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