

Title (en)
A RADIOISOTOPE DELIVERY DEVICE

Title (de)
RADIOISOTOPEN-ABGABESYSTEM

Title (fr)
DISPOSITIF DE PRODUCTION DE RADIO-ISOTOPES

Publication
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Application
EP 99908679 A 19990302

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• AU PP432598 A 19980625

Abstract (en)
[origin: WO9966979A1] The present invention relates generally to a radioisotope delivery device (10) comprising a radioisotope housing (12) containing a series of radioisotope sources (14), and inflatable balloons (16) being located at opposing ends of the housing (12). The delivery device (10) is slidably received over a conventional guidewire (22). The inflatable balloons (16) are in this example located at opposing ends of the radioisotope housing (12) and consist of four generally elliptical-shaped balloons (16A to 16D). The balloons (16) are provided so as to radially space the radioisotope sources (14) a predetermined and fixed distance from a wall of an artery or blood vessel. The balloons (16) both in an inflated and deflated configuration provide a passage designated generally as (24) between the radioisotope housing (12) and the arterial or blood vessel wall for the flow of blood through the artery or blood vessel.

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