

Title (en)
RADIOACTIVITY LOCAL DELIVERY SYSTEM

Title (de)
LOKALES RADIOAKTIVITÄT-ABGABESYSTEM

Title (fr)
SYSTEME DE RADIOTHERAPIE LOCALE

Publication
EP 0894012 A2 19990203 (EN)

Application
EP 97916290 A 19970417

Priority
• CA 9700262 W 19970417
• US 1578896 P 19960417

Abstract (en)
[origin: WO9738730A2] The invention provides a radioactivity local delivery system enabling the use of isotopes having a longer half life and having a lower energy. The invention also provides a radioactivity local delivery system enabling an easier and more efficient control of the dose/ rate and total dose of local radiation delivery. The present invention utilizes a radioisotope coupled to a circulation time reducing agent such as a chelatin agent, the coupled radioisotope being in releasable association with the structure to be inserted in a vessel of a human patient. The coupled radioisotope can be part of the support itself or in releasable association therewith through the use of a biodegradable or non-biodegradable pharmaceutical carrier. Also provided is a method to decrease the growth of actively proliferating cells at a targeted site in a vessel of a human patient as well as compositions therefor.

IPC 1-7
A61K 51/12; **A61F 2/06**

IPC 8 full level
A61K 51/12 (2006.01); **A61N 5/10** (2006.01); **A61F 2/00** (2006.01); **A61F 2/82** (2013.01)

CPC (source: EP)
A61K 51/1282 (2013.01); **A61N 5/1002** (2013.01); **A61F 2/82** (2013.01); **A61F 2210/0095** (2013.01); **A61K 2121/00** (2013.01)

Citation (search report)
See references of WO 9738730A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9738730 A2 19971023; **WO 9738730 A3 19971211**; AU 2501197 A 19971107; EP 0894012 A2 19990203

DOCDB simple family (application)
CA 9700262 W 19970417; AU 2501197 A 19970417; EP 97916290 A 19970417