

Title (en)  
 RADIOISOTOPE-ASSOCIATED POLYMERIC HYDROGEL MICROSPHERES AND METHODS FOR PRODUCING AND USING THE SAME

Title (de)  
 RADIOISOTOP-ASSOZIIERTE POLYMEREHYDROGEL-MIKROKÜGELCHEN UND VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)  
 MICROSPHERES D'HYDROGELS POLYMERES ASSOCIEES A DES RADIOISOTOPES ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CELLES-CI

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Application  
**EP 03779133 A 20031017**

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Abstract (en)  
 [origin: WO2004040972A2] The present invention relates to polymeric materials that are labeled with colloidal metals, preferably colloidal gold, to processes for producing the labeled polymeric material, and to methods of using the materials in prophylactic, therapeutic and cosmetic applications. Specifically, the invention relates to porous injectable and implantable microparticles, preferably microspheres, that are associated with radioactive colloidal metals such that the microparticles are visible or detectable under regular light, by radiological and/or magnetic resonance imaging techniques, or both. The microparticles having radioactive colloidal metals are particularly useful for embolization, radiation therapy, drug delivery, gene therapy, and other prophylactic or therapeutic medical applications.

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Citation (search report)  
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 • See references of WO 2004040972A2

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