

Title (en)

MODIFIED POLYSACCHARIDES COMBINATION WITH ANTI-CANCER DRUGS FOR ENHANCED TREATMENT OF CANCER

Title (de)

MODIFIZIERTE POLYSACCHARIDE IN KOMBINATION MIT ANTIKREBSWIRKSTOFFEN FÜR VERSTÄRKTE KREBSBEHANDLUNG

Title (fr)

POLYSACCHARIDES MODIFIES ASSOCIES A DES MEDICAMENTS ANTICANCEREUX POUR ACCROITRE L'EFFICACITE D'UN TRAITEMENT CONTRE LE CANCER

Publication

**EP 1592432 A2 20051109 (EN)**

Application

**EP 04702115 A 20040114**

Priority

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- US 44049603 P 20030116

Abstract (en)

[origin: WO2004064777A2] Modified polysaccharide compositions and their use in combination with at least one anti-cancer drug for treating subjects with cancer, reduce toxicity and inhibit metastasis, are described. The modified polysaccharide includes a saccharide backbone being less than 5% esterified and containing repeating units, wherein each repeating unit has a plurality of uronic acid molecules, each repeating unit having at least one neutral monosaccharide attached thereto, at least one side chain of saccharides attached to the backbone further comprising a plurality of neutral saccharides or saccharide derivatives; and having an average molecule weight in the range of 15 to 60 kD. The polysaccharide when combine with the chemotherapeutic drug behave as a delivery vehicle, which positively enhance the chemotherapeutic effect while reducing side effects.

IPC 1-7

**A61K 31/715**; C08B 37/00

IPC 8 full level

**A61K 31/715** (2006.01); **A61K 45/06** (2006.01); **A61K 47/36** (2006.01); **C08B 37/00** (2006.01)

IPC 8 main group level

**A61K** (2006.01)

CPC (source: EP)

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