

Title (en)  
PROCYANIDIN OLIGOMERS FOR INHIBITING MATRIX METALLOPROTEINASES AND MEDICINE HAVING EFFECTIVE COMPOSITION OF SAME

Title (de)  
PROCYANIDIN-OLIGOMERE ALS HEMMUNG VON MATRIXMETALLOPROTEINASEN UND DIESE ALS EFFEKTIVE KOMPOSITIONEN ENTHALTENDE ARZNEIMITTEL

Title (fr)  
OLIGOMERES DE PROCYANIDINES INHIBITEURS DES METALLOPROTEASES MATRICES ET MEDICAMENT LES UTILISANT COMME PRINCIPE ACTIF

Publication  
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Application  
**EP 00942520 A 20000714**

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Abstract (en)  
[origin: WO0105397A1] The present invention provides procyanidin oligomers with significant biological activity against matrix metalloproteinase (MMP). The procyanidin oligomers can be isolated from the genus Ulmus and other plants and comprise trimeric through dodecameric procyanidin oligomers of flavan-3-ol monomer units. The present invention encompasses methods of using the procyanidin oligomer in treating tumor metastasis or invasion, rheumatoid arthritis, diabetes, corneal, epidermal, and gastric ulceration, skin wrinkling, periodontitis, osteoporosis; and in the promotion of wound and burn healing and other related maladies in which uncontrolled high levels of MMP are thought to play an important role in the malady progress.

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