

Title (en)

MINERALIZED COLLAGEN-POLYSACCHARIDE MATRIX FOR BONE AND CARTILAGE REPAIR

Title (de)

MINERALISIERTE KOLLAGEN-POLYSACCHARID-MATRIX FÜR DIE WIEDERHERSTELLUNG VON KNOCHEN UND KNORPEL

Title (fr)

MATRICE A BASE DE POLYSACCHARIDE-COLLAGENE MINERALISE DESTINEE A REPARER LES OS ET LE CARTILAGE

Publication

EP 1337266 A4 20061102 (EN)

Application

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Priority

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Abstract (en)

[origin: WO0236147A1] A matrix and a method for preparing it are provided to support the growth of tissue, such as bone, cartilage or soft connective tissue. A polysaccharide is reacted with an oxidizing agent to open sugar rings on the polysaccharide to form aldehyde groups. The aldehyde groups are reacted to form covalent linkages to mineralized collagen. The matrix can be implanted or injected, or the polyaldehyde polysaccharide and mineralized collagen starting minerals can be separately injected to form the matrix in situ.

IPC 8 full level

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Citation (search report)

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