

Title (en)

COMPOSITIONS AND METHODS FOR THE REDUCTION OF POST-OPERATIVE PAIN

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR VERRINGERUNG VON POSTOPERATIVEN SCHMERZEN

Title (fr)

COMPOSITIONS ET PROCEDES DESTINES A REDUIRE LES DOULEURS POSTOPERATOIRES

Publication

EP 1912630 A4 20121003 (EN)

Application

EP 06788416 A 20060725

Priority

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- US 22465005 A 20050912
- US 70222605 P 20050725
- US 75830006 P 20060112

Abstract (en)

[origin: WO2007014210A2] At least three component, body-implantable, absorbable, biocompatible, putty, and non-putty pain-relieving compositions for use in surgery comprising in intimate admixture: an analgesic having local pain-relieving activity for internal relief of pain, a finely powdered bulking material, preferably less than 50 microns, e.g. the metal salts of fatty acid, hydroxyapatite, DBM, polyglycolide, polylactide, polycaprolactones, absorbable glasses, gelatin, collagens, mono, and polysaccharides starches. An organic liquid capable of solubilizing, dispensing or suspending the analgesic, such as esters of monohydric alcohols with aliphatic monocarboxylic acids; C₂-C₁₈ monohydric alcohols with polycarboxylic acids; C₈-C₃₀ monohydric alcohols; tocopherol and esters thereof with mono or polycarboxylic acids; free carboxylic acids such as oleic, capric, and lauric; dialkyl ethers and ketones; polyhydroxy compounds and esters and ethers thereof; random or block copolymers of ethylene oxide and propylene oxide.

IPC 8 full level

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Citation (search report)

- [XYI] US 2003093157 A1 20030515 - CASARES CRISOFORO PERALTA [MX], et al
- [A] US 6331313 B1 20011218 - WONG VERNON G [US], et al
- [Y] US 2002090398 A1 20020711 - DUNN RICHARD L [US], et al
- See references of WO 2007014210A2

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