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Bru-Magniez et al.

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(54) **SUTURE MATERIAL FOR WOUNDS BASED ON METHYLIDENE MALONATE**

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(51) **Int. Cl.**⁷ **A61B 17/08**

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(58) **Field of Search** 606/213-215,
606/76, 77; 128/898; 523/118; 424/78.35,
422, 423

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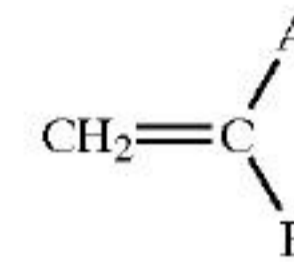
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(57) **ABSTRACT**

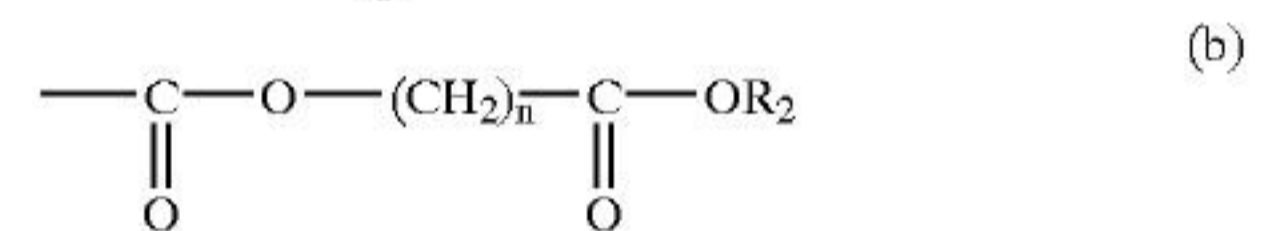
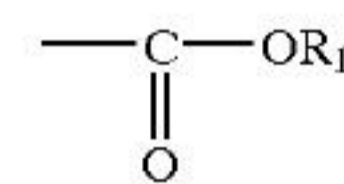
A method for the suture of wounds, includes applying a sufficient quantity of a biocompatible, bio-adhesive mixture with at least 50% by weight of a methylidene malonate-based composition containing:

40 to 100% by weight of at least one methylidene malonate of formula (I):

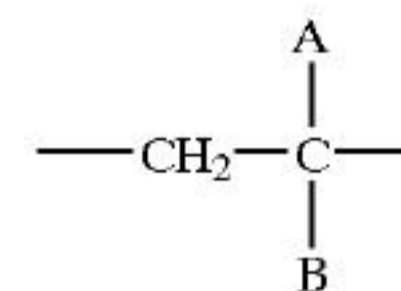


in which:

A and B independently represent a group (a) or (b):



in which R₁ and R₂ independently represent a linear or branched alkyl group with 1 to 6 carbon atoms, n is an integer between 1 and 5, and at least one of A and B represents a (b) group; and/or one or more methylidene malonate oligomers with a molecular weight less than or equal to 6,000 and including recurrent units of formula (II):



in which A and B are as defined above; and 0 to 60% by weight of at least one methylidene malonate polymer with a molecular weight greater than 6,000 and including recurrent units of formula (II).

32 Claims, No Drawings