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(54) Title: AN INTRA-ARTICULAR SUPPLEMENTATION METHOD FOR TREATING JOINT DISEASES AND INJURIES

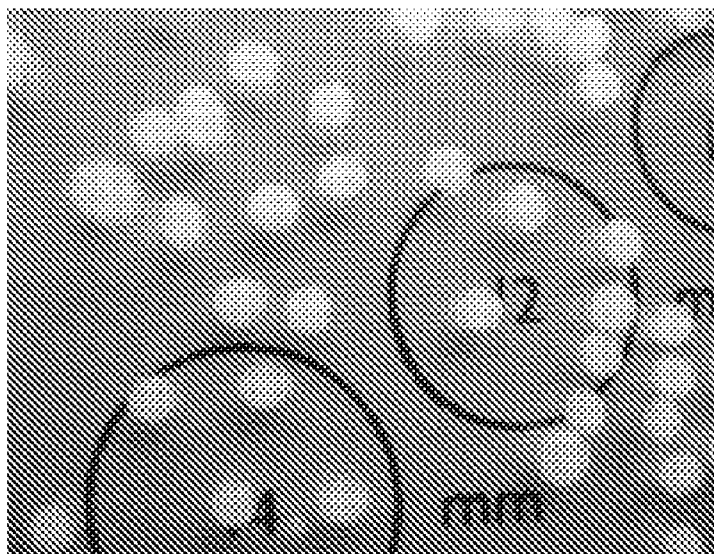


Figure 1

(57) Abstract: A method of producing a hydrogel for intra-articular supplement comprising the steps of: - providing a solution of alginate, - providing a solution with chitosan having a Mw between lower than 60 kD, - mixing the solution of alginate and the solution of chitosan, wherein the mixed solution comprises between 0.5 and 0.7 % (w/v) of chitosan and between 1 and 1.4 % alginate (w/v), - introducing droplets of the mixed solution into a solution with Ca<sup>2+</sup> or Sr<sup>2+</sup> cations and - isolating polymerised beads from the solution with cations

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