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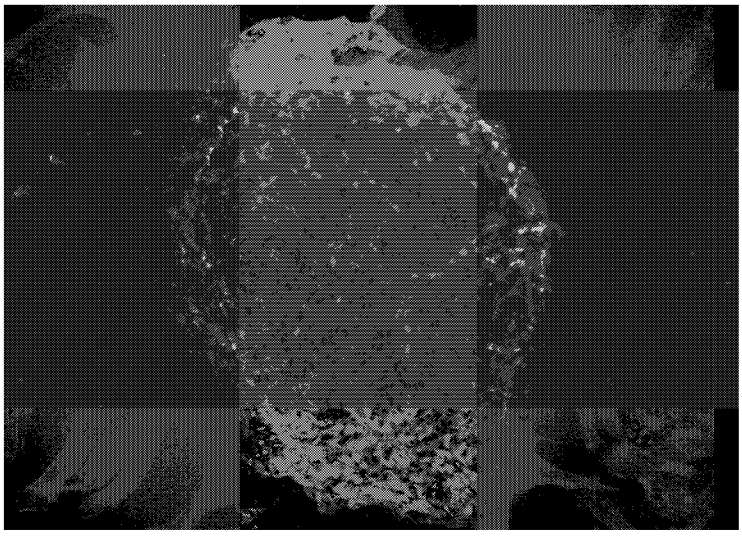
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(54) **Title:** COMPLEXES OF HYALURONANS, OTHER MATRIX COMPONENTS, HORMONES AND GROWTH FACTORS FOR MAINTENANCE, EXPANSION AND/OR DIFFERENTIATION OF CELLS

Figure 1A



(57) **Abstract:** A method is provided of propagating hepatic cells including hepatic progenitors ex vivo on or in hyaluronans with or without other extracellular matrix components (such as collagens, basal adhesion molecules, proteoglycans or their glycosaminoglycans) and with or without hormones and/or growth factors. Compositions comprising the matrix are also disclosed. Also, the complex can be used for ex vivo tissue engineering or can be used as a scaffold for grafts of cells to be transplanted in vivo.

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