

Abstract

Methods for producing cell capsules are disclosed in which a coagulant, which can include a cell suspension or other biologically active factor, and a polymeric casting solution are extruded through a common extrusion port having at least two concentric bores, such that the coagulant is extruded through the inner bore and the polymeric casting solution is extruded through the outer bore. The method involves initiating extrusion of the coagulant within a temporal range of about 10 msecs to about one second from initiating delivery of the casting solution through the respective bores. Delivery of the coagulant is then shut off, and extrusion of the casting solution is terminated either immediately or after some predetermined time.

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Figure 1

This Sheet Has Been Replaced

