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(54) **Title:** METHOD FOR IN-VITRO TREATMENT OF DIFFERENTIATED OR UNDIFFERENTIATED CELLS BY APPLICATION ELECTROMAGNETIC FIELDS

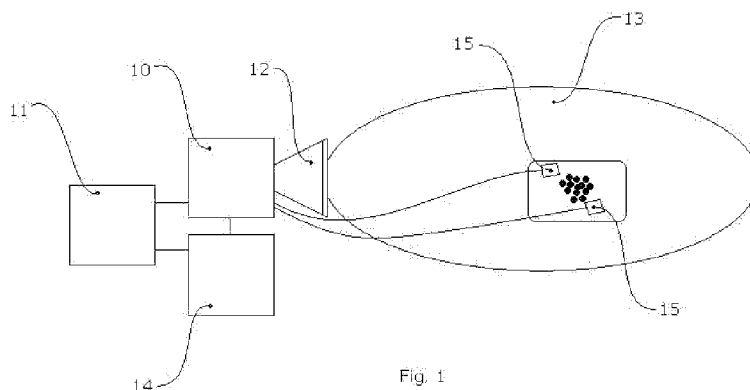


Fig. 1

(57) **Abstract:** A process is described for the treatment of stem cells or differentiated cells by application of radiofrequency electromagnetic fields, by means of an electromagnetic field generator (10), comprising a power supply (11), at least one antenna (12) adapted to radiate a scattered electromagnetic field (13) of a power less than 100 mW, a modulator (14) associated with said generator (10) and adapted to modulate the emission thereof, and at least one convector electrode (15), adapted to be direct the radiofrequency currents induced by said electromagnetic field (13), and applied in proximity of said stem or differentiated cells.