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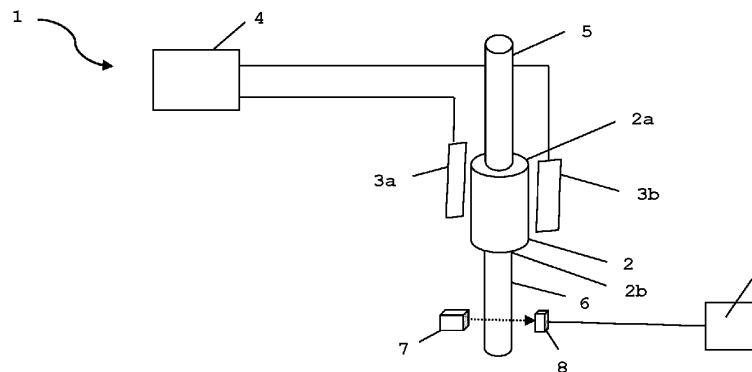
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(54) Title: METHOD AND SYSTEM FOR THE IDENTIFICATION OF OPTIMIZED TREATMENT CONDITIONS FOR
TREATING CELLS WITH ELECTRIC PULSES

Fig. 1



(57) Abstract: The present invention is related to a method for the identification of optimized conditions for treating cells with electric pulses for targeted inactivation, the extraction of bioactive compounds, and the stimulation of cell growth and/or cellular compounds, comprising the steps of treating samples comprising cellular material under at least one condition, preferably two or more different conditions, analysing the results of the treatment in step a) for each of the applied different conditions, and identifying suitable conditions from the analysis of step b). The present invention is furthermore related to a system (1) for performing said method, as well as to a method for treating cells for targeted inactivation, the extraction of bio-active compounds, and the stimulation of cell growth and/or cellular compounds, employing the above identified suitable conditions.

WO 2022/263650 A1