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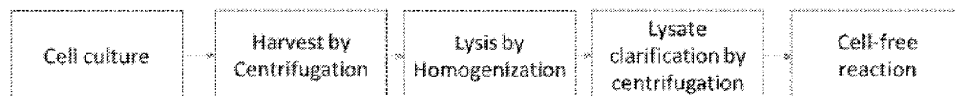
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(54) Title: SYSTEMS AND METHODS FOR CELL-FREE POLYPEPTIDE SYNTHESIS

State of the art method



Simplified Method 1: Clarification by filtration

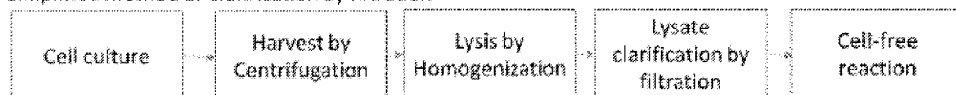


FIG. 1

(57) Abstract: Disclosed herein is a method for cell-free polypeptide synthesis. The method comprises lysing a cell to produce a cellular lysate, passing the cellular lysate through a filter to produce a cellular extract, contacting the cellular extract with a nucleic acid encoding a polypeptide to produce a reaction mixture, and incubating the reaction mixture to produce the polypeptide.



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