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(54) **ENHANCED GEOTHERMAL SYSTEMS AND RESERVOIR OPTIMIZATION**

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(58) **Field of Classification Search** ..... None  
See application file for complete search history.

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(57) **ABSTRACT**

Systems and methods for maximizing energy recovery from a subterranean formation are herein disclosed. According to one embodiment, a selected subterranean open-hole interval is isolated and at least one fracture is stimulated in the isolated subterranean open-hole interval.

**18 Claims, 10 Drawing Sheets**

