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- (54) **RETRIEVAL OF MULTI-COMPONENT PLUNGER IN WELL PLUNGER LIFT SYSTEM**
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CPC **E21B 43/121** (2013.01); **E21B 33/068** (2013.01); **F04B 47/00** (2013.01); **F04B 47/12** (2013.01); **F04B 53/14** (2013.01)
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CPC E21B 33/068; E21B 43/121; F04B 47/00; F04B 47/12; F04B 53/14
See application file for complete search history.

- (57) **ABSTRACT**
A plunger lift method can include introducing a plunger sleeve and a plunger closure into a well, engaging the sleeve with the closure, securing the sleeve and closure to each other in a flow passage of the well, and then retrieving the sleeve and closure from the well. A plunger lift system can include a plunger sleeve configured for reciprocal displacement in a flow passage of the well, a plunger closure configured to block flow through a flow path of the sleeve and being displaceable in the flow passage separate from the sleeve. A plunger retrieval device may displace with the sleeve in the flow passage and secure the closure against displacement away from the sleeve. Another plunger retrieval device may be positioned in a lubricator, whereby the plunger retrieval device engages the closure and secures the closure against displacement away from the sleeve in the lubricator.

18 Claims, 12 Drawing Sheets

