

Title (en)
WELL PUMPING SYSTEM AND METHOD

Title (de)
BOHRLOCHPUMPSYSTEM UND -VERFAHREN

Title (fr)
PROCÉDÉ ET SYSTÈME DE POMPAGE D'UN PUIT

Publication
EP 3170968 B1 20191030 (EN)

Application
EP 16199698 A 20161118

Priority
• US 201514947839 A 20151120
• US 201614991253 A 20160108

Abstract (en)
[origin: EP3170968A1] A well pumping system can include an actuator that reciprocally displaces a rod string, a flowmeter that measures flow of a fluid between a power source and the actuator, and a control system that modifies reciprocal displacement of the rod string by the actuator, in response to an output of the flowmeter. A well pumping method can include reciprocally displacing a rod string, continuously determining a velocity profile of the rod string, and modifying the velocity profile while the rod string reciprocally displaces, in response to an output of a flowmeter. Another well pumping method can include reciprocally displacing a rod string with an actuator, continuously determining displacement in response to an output of a flowmeter, and modifying reciprocating displacement of the rod string by the actuator, in response to the output of the flowmeter.

IPC 8 full level
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CPC (source: EP US)
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Citation (examination)
US 5996688 A 19991207 - SCHULTZ GLENN [CA], et al

Designated contracting state (EPC)
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