

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)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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