

Title (en)  
PUMPING SYSTEM AND METHOD

Title (de)  
PUMPSYSTEM UND -VERFAHREN

Title (fr)  
PROCÉDÉ ET SYSTÈME DE POMPAGE

Publication  
**EP 3128124 B1 20180926 (EN)**

Application  
**EP 16183125 A 20160805**

Priority

- US 2015043694 W 20150805
- US 201514956863 A 20151202
- US 201514956527 A 20151202
- US 201514956545 A 20151202
- US 201514956601 A 20151202
- US 201615162459 A 20160523

Abstract (en)  
[origin: EP3128124A1] A system can include an actuator with a piston rod that displaces in response to pressure in the actuator, a seal assembly that seals about the piston rod and includes seal cartridges, each including a dynamic seal sealingly engaging the rod, and each including a static seal sealingly engaging a seal assembly housing, and a port providing communication between a housing exterior and a housing interior between adjacent static seals. A method can include preventing leakage from a well with a seal assembly about a piston rod of a hydraulic actuator, the seal assembly including seal cartridges, each including a dynamic seal that sealingly engages the rod, and each including a static seal that sealingly engages a seal assembly housing, enabling communication through a housing sidewall to a housing interior between adjacent static seals, and reciprocally displacing the rod in response to pressure variations in the actuator.

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