

Title (en)  
WIRELESSLY ACTUATED HYDROSTATIC SET MODULE

Title (de)  
DRAHTLOS BETÄTIGTES HYDROSTATISCHES EINSTELLUNGSMODUL

Title (fr)  
MODULE DE REGLAGE HYDROSTATIQUE ACTIONNE SANS FIL

Publication  
**EP 2510190 B1 20201202 (EN)**

Application  
**EP 11732214 A 20110107**

Priority  
• US 29335510 P 20100108  
• US 2011020538 W 20110107

Abstract (en)  
[origin: US2011168403A1] A hydrostatic set module configured with a wireless trigger mechanism to allow wireless activation thereof from an oilfield surface. The trigger mechanism includes a charge for exposing the module to wellbore pressures and allowing it to behave as an intensifier for actuation of a downhole device such as a production packer. The mechanism also includes a sensor for detection of the wireless communications along with a processor for analysis thereof and to direct spending of the charge. Pressure pulse or other wireless communication forms that are suitable for the downhole environment may be transmitted from surface in a variety of different signature patterns for responsive analysis by the trigger mechanism.

IPC 8 full level  
**E21B 47/12** (2012.01); **E21B 23/04** (2006.01); **E21B 43/00** (2006.01)

CPC (source: EP US)  
**E21B 23/06** (2013.01 - EP); **E21B 23/065** (2013.01 - EP US); **E21B 34/08** (2013.01 - EP US); **E21B 41/00** (2013.01 - EP US);  
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