

Title (en)
Remotely operable actuator for use in subterranean wells

Title (de)
Fernbetätigungseinrichtung für unterirdische Bohrlöcher

Title (fr)
Système d'actionnement à distance pour utiliser dans les puits

Publication
EP 0999338 A1 20000510 (EN)

Application
EP 99308551 A 19991028

Priority
US 18452098 A 19981102

Abstract (en)
A remotely operable actuator for actuating tools within a subterranean well. In a described embodiment, a remotely controllable actuator includes multiple chambers (134,136,138) formed between an outer housing (128) and an inner mandrel (130). One of the chambers is filled with fluid, with the fluid preventing displacement of the mandrel (130) relative to the housing (128). When the fluid is discharged from the chamber, the mandrel (130) is displaced relative to the housing (128) due to a pressure differential between two of the chambers. Discharge of the fluid is controlled by a valve connected to a receiver. <IMAGE>

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CPC (source: EP US)
E21B 23/0412 (2020.05 - EP US); **E21B 33/1275** (2013.01 - EP); **E21B 34/102** (2013.01 - EP)

Citation (applicant)
• US 5127477 A 19920707 - SCHULTZ ROGER L [US]
• US 5547029 A 19960820 - RUBBO RICHARD P [GB], et al
• US 4636934 A 19870113 - SCHWENDEMANN KENNETH L [US], et al

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