

Title (en)

Fluid operated actuator including a deformable sealing member

Title (de)

Flüssigkeitsbetriebener Aktuator mit verformbarem Abdichtelement

Title (fr)

Actionneur activé par un fluide comprenant un élément de scellement déformable

Publication

**EP 2453140 A3 20131009 (EN)**

Application

**EP 11008963 A 20111110**

Priority

US 41201710 P 20101110

Abstract (en)

[origin: EP2453140A2] A fluid operated actuator (200) is provided. The fluid operated actuator (200) includes a housing (201) and a piston (202) movable within the housing (201). The fluid operated actuator (200) further includes a piston rod (203) coupled to the piston (202). A deformable sealing member (206) is also provided. The deformable sealing member (206) is coupled to the piston rod (203) at a first end and coupled to the housing (201) at a second end.

IPC 8 full level

**F15B 15/10** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)

**F15B 15/10** (2013.01)

Citation (search report)

- [XA] EP 0060181 A1 19820915 - LEDUC RENE HYDRO SA [FR]
- [XA] GB 2258498 A 19930210 - NAT OILWELL [GB]
- [X] US 4335884 A 19820622 - DARCHE MICHEL
- [X] US 3027152 A 19620327 - DESCHNER RICHARD E
- [X] GB 590897 A 19470731 - MONTAGUE WILLIAM STOKES, et al
- [X] DE 102006021130 B3 20070809 - SMK SYSTEME METALL KUNSTSTOFF [DE]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2453140 A2 20120516; EP 2453140 A3 20131009**

DOCDB simple family (application)

**EP 11008963 A 20111110**