

Title (en)

Spherical-annular blowout preventer having a plurality of pistons

Title (de)

Kugelförmiger-/ringförmiger Blowout-Preventer mit mehreren Kolben

Title (fr)

Dispositif de prévention de l'évacuation annulaire sphérique ayant une pluralité de pistons

Publication

**EP 2876249 B1 20170719 (EN)**

Application

**EP 14191759 A 20141104**

Priority

- US 201314087091 A 20131122
- US 201414506267 A 20141003

Abstract (en)

[origin: EP2876249A1] A blowout preventer includes a housing (5, 10) including interconnected cylinders (160) formed therein, a main seal (25) positioned within the housing (5), cylindrical sleeves (250) removably placed within the interconnected cylinders (160), annular pistons (40) and glands (45) placed within the sleeves (250); and an energizing ring (215) configured to be operated on by the annular pistons (40) in order to operate the main seal (25). A blowout preventer may also include an upper gland assembly (245) for isolating a void space (230) within the housing (10) from the interconnected cylinders (160).

IPC 8 full level

**E21B 33/06** (2006.01); **E21B 33/00** (2006.01); **E21B 34/02** (2006.01)

CPC (source: CN EP KR US)

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Cited by

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**EP 14191759 A 20141104**; CN 201410680052 A 20141124; HK 15111659 A 20151126; IN 3195DE2014 A 20141105; KR 20140150896 A 20141103; SG 10201407191R A 20141104; US 201414506267 A 20141003