

Title (en)

HIGH ENERGY SEVERING TOOL WITH PRESSURE BALANCED EXPLOSIVES

Title (de)

HOCHENERGETISCHES TRENNWERKZEUG MIT DRUCKAUSGEGLICHENEN SPRENGSTOFFEN

Title (fr)

OUTIL DE COUPE À HAUTE ÉNERGIE AYANT DES EXPLOSIFS À PRESSION ÉQUILIBRÉE

Publication

**EP 3250778 A1 20171206 (EN)**

Application

**EP 15880607 A 20150918**

Priority

- US 201514605829 A 20150126
- US 2015051017 W 20150918
- US 201514858816 A 20150918

Abstract (en)

[origin: WO2016122720A1] A high energy pipe severing tool is arranged to align a plurality of pressure balanced explosive pellets along a unitizing central tube that is selectively separable from a tubular external housing. The explosive pellets are loaded serially in a column and in full view along the entire column as a final charging task. Detonation boosters are pre-positioned and connected to detonation cord for simultaneous detonation at opposite ends of the explosive column. Devoid of high explosive pellets during transport, the assembly may be transported with all boosters and detonation cord connected.

IPC 8 full level

**E21B 29/00** (2006.01); **E21B 29/02** (2006.01); **E21B 33/124** (2006.01)

CPC (source: EP)

**E21B 29/02** (2013.01)

Cited by

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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