

Title (en)

DEVICE AND METHOD TO REDUCE BREAKDOWN/FRACTURE INITIATION PRESSURE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERRINGERUNG VON DURCHBRECHUNGS-/RISSINITIIERUNGSDRUCK

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RÉDUCTION DE LA PRESSION DE RUPTURE/D'AMORCE DE FRACTURE

Publication

EP 2231990 A4 20121003 (EN)

Application

EP 08860256 A 20081212

Priority

- US 2008086679 W 20081212
- US 1294107 P 20071212

Abstract (en)

[origin: WO2009076635A2] A slim perforating gun includes a plurality of shape charges; a positioning device that orients the perforating gun in relation to a down direction of a deviated well; the shaped charges being positioned inside the perforating gun and aimed in predetermined directions with respect to the down direction of the deviated well; wherein a ratio of the outer diameter of the slim perforating gun to the inner diameter of a casing used in connection with the slim perforating gun is from.85 to.30.

IPC 8 full level

E21B 43/117 (2006.01)

CPC (source: EP GB US)

E21B 43/117 (2013.01 - EP GB US); **E21B 43/119** (2013.01 - EP GB US); **E21B 43/26** (2013.01 - EP GB US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2009076635A2

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DOCDB simple family (publication)

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