

Title (en)
IMPROVED SHAPED CHARGE DEVICE

Title (de)
VERBESSERTE HOHLLADUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CHARGE À FORME AMÉLIORÉE

Publication
EP 3919854 A1 20211208 (EN)

Application
EP 20275101 A 20200604

Priority
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Abstract (en)
This invention relates to an improved shaped charge perforator, especially to energy focusing device for a shaped charge perforator, said perforator comprising a high explosive and a liner, wherein the focussing device is located between the perforator and a target, the energy focusing device comprising an aperture there through, wherein the energy focussing device is located co-axial with the perforator, such that in use said formed jet of the perforator, passes through said aperture, wherein the focussing device comprises a choke region co-axial with the perforator, said choke region has a diameter less than the diameter of the shape charge, to focus the output of the high explosive and remaining liner through said choke region and through said aperture.

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CPC (source: EP)
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Citation (search report)

- [X] US 4860655 A 19890829 - CHAWLA MANMOHAN S [US]
- [X] DE 1267582 B 19680502 - DYNAMIT NOBEL AG
- [X] US 2016186536 A1 20160630 - DAI PENG [CN]

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