

Title (en)
MECHANICAL PERFORATION TOOL SYSTEM

Title (de)
MECHANISCHES PERFORATIONSWERKZEUGSYSTEM

Title (fr)
SYSTÈME D'OUTIL DE PERFORATION MÉCANIQUE

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Application
EP 22727831 A 20220504

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• EP 2022061974 W 20220504

Abstract (en)
[origin: WO2022233933A1] The present invention relates to a perforation tool system for perforating a screen, a sliding sleeve or a casing wall of a casing in a borehole having a top, comprising a first tool part having an axial extension and an anchoring section, a second tool part adapted to rotate and move axially in relation to the first tool part, the second tool part comprising a machining bit which is movable in a direction radial to the axial extension, an axial actuator comprised in the first tool part and comprising a shaft for axially moving the second tool part in relation to the first tool part, a rotation unit for rotating the second tool part in relation to the first tool part, and a first actuator comprising an electric motor for rotating the bit, wherein the rotation unit comprises a sleeve having a slot engaging a pin of the shaft, the slot comprising a first longitudinal slot part, a second longitudinal slot part and a first guiding slot part connecting the first and second longitudinal slot parts. The invention also relates to a perforation method.

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