

Title (en)

GAS TOOL WITH IMPROVED IGNITION EFFICIENCY

Title (de)

GASWERKZEUG MIT VERBESSERTER ZÜNDWIRKUNG

Title (fr)

OUTIL À GAZ AVEC EFFICACITÉ D'ALLUMAGE AMÉLIORÉE

Publication

EP 4033151 B1 20231011 (EN)

Application

EP 21209698 A 20211122

Priority

- TW 110105109 A 20210209
- TW 110102088 A 20210120

Abstract (en)

[origin: EP4033151A1] A tool includes a barrel, a guiding wire, and an electrically conductive member. The barrel is made of electrically conductive material. The guiding wire is disposed in the barrel. The barrel and the guiding wire are directly or indirectly connected to two opposite electrodes of a power source. The electrically conductive member is connected to an outer periphery of the guiding wire and is electrically connected to the guiding wire. The electrically conductive member is disposed between the barrel and the guiding wire and is spaced from the barrel. When the power source is activated, an electric arc is generated between the electrically conductive member and the barrel.

IPC 8 full level

F23Q 3/00 (2006.01); **F23D 14/38** (2006.01)

CPC (source: EP)

F23D 14/38 (2013.01); **F23Q 3/002** (2013.01)

Cited by

US2022235935A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4033151 A1 20220727; **EP 4033151 B1 20231011**; **EP 4033151 C0 20231011**

DOCDB simple family (application)

EP 21209698 A 20211122