

Title (en)
PYROTECHNIC SWITCH

Title (de)
PYROTECHNISCHER SCHALTER

Title (fr)
INTERRUPTEUR PYROTECHNIQUE

Publication
EP 4022661 A1 20220706 (FR)

Application
EP 20758249 A 20200826

Priority
• FR 1909586 A 20190830
• EP 2020073827 W 20200826

Abstract (en)
[origin: WO2021037896A1] Pyrotechnic switch comprising: - a casing (10), - at least one electrical conductor (20) passing through the casing (10), - a piston (30) housed in the casing (10), the piston (30) - casing (10) assembly being designed to cut the electrical conductor (20) at least at three separate locations, so as to form at least two free conductive strands (21, 22), separate from the rest of the electrical conductor (20), - a pyrotechnic actuator designed to force the piston (30) to cut the electrical conductor (20), characterized in that the piston (30) - casing (10) assembly is designed to - cut the electrical conductor (20) such that each free strand (21, 22) has at least one base portion with either no or with two folded wings (22B, 22C) arranged on either side of the base portion, and to - create at least one free strand (22) with two folded wings (22B, 22C).

IPC 8 full level
H01H 39/00 (2006.01); **H01H 9/40** (2006.01)

CPC (source: EP KR US)
H01H 9/40 (2013.01 - KR); **H01H 39/006** (2013.01 - EP KR US); **H01H 9/40** (2013.01 - EP); **H01H 2039/008** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2021037896A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021037896 A1 20210304; CN 114303218 A 20220408; EP 4022661 A1 20220706; FR 3100375 A1 20210305; FR 3100375 B1 20220121; JP 2022546469 A 20221104; KR 20220050209 A 20220422; US 2022285115 A1 20220908

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