

Title (en)
CUT-OFF DEVICE WITH PLASMA CHAMBER

Title (de)
ABSCHALTVORRICHTUNG MIT PLASMAKAMMER

Title (fr)
DISPOSITIF DE COUPURE A CHAMBRE PLASMA

Publication
EP 4158673 A1 20230405 (FR)

Application
EP 21734192 A 20210524

Priority
• FR 2005651 A 20200528
• FR 2021050941 W 20210524

Abstract (en)
[origin: WO2021240104A1] The invention relates to a cut-off device comprising: a conductive member (40) and a movable piston (30), the piston (30) being movable between a first position in which power flows through the conductive member (40) and a second position in which the power is cut off, the piston (30) being configured to break the conductive member (40) when moving from its first position to its second position, characterised in that the piston (30) is positioned in a receiving cavity (12a) of a receiving member (12) when said piston (30) is in its second position, characterised in that the receiving member (12) further comprises at least one additional cavity (50) separate from the receiving cavity (12a) and connected to said receiving cavity (12a) by at least one channel (51), said at least one channel (51) being open when the conductive member (40) is broken by the piston (30).

IPC 8 full level
H01H 39/00 (2006.01)

CPC (source: EP US)
H01H 39/006 (2013.01 - EP US); **H01H 9/342** (2013.01 - EP); **H01H 2039/008** (2013.01 - EP US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3111008 A1 20211203; FR 3111008 B1 20220923; CN 115668427 A 20230131; CN 115668427 B 20240329; EP 4158673 A1 20230405; EP 4158673 B1 20240605; JP 2023521932 A 20230525; JP 7314428 B2 20230725; US 11823854 B2 20231121; US 2023197383 A1 20230622; WO 2021240104 A1 20211202

DOCDB simple family (application)
FR 2005651 A 20200528; CN 202180035635 A 20210524; EP 21734192 A 20210524; FR 2021050941 W 20210524; JP 2022572775 A 20210524; US 202117999817 A 20210524