

Title (en)
SPARK PLUG ELECTRODE AND SPARK PLUG HAVING THE SPARK PLUG ELECTRODE, AND PRODUCTION METHOD FOR THE SPARK PLUG ELECTRODE

Title (de)
ZÜNDKERZENELEKTRODE SOWIE ZÜNDKERZE MIT DER ZÜNDKERZENELEKTRODE UND HERSTELLUNGSVERFAHREN FÜR DIE ZÜNDKERZENELEKTRODE

Title (fr)
ÉLECTRODE DE BOUGIE D'ALLUMAGE AINSI QUE BOUGIE D'ALLUMAGE POURVUE DE LADITE ÉLECTRODE DE BOUGIE D'ALLUMAGE ET PROCÉDÉ DE FABRICATION DE LADITE ÉLECTRODE DE BOUGIE D'ALLUMAGE

Publication
EP 4218107 A1 20230802 (DE)

Application
EP 21778017 A 20210916

Priority
• DE 102020211897 A 20200923
• EP 2021075411 W 20210916

Abstract (en)
[origin: WO2022063660A1] The invention relates to an electrode for a spark plug (1), comprising a base body (8) made from a nickel base alloy and a wear part (10) made from an iridium base alloy, characterized in that the wear part (10) is both welded and connected in a form-fitting manner to the base body (8).

IPC 8 full level
H01T 21/02 (2006.01); **H01T 13/20** (2006.01); **H01T 13/32** (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP US)
C22C 5/04 (2013.01 - US); **C22C 19/03** (2013.01 - US); **H01T 13/20** (2013.01 - EP); **H01T 13/32** (2013.01 - EP); **H01T 13/39** (2013.01 - US); **H01T 21/02** (2013.01 - EP US); **H01T 13/39** (2013.01 - EP)

Citation (search report)
See references of WO 2022063660A1

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)
DE 102020211897 A1 20220324; CN 116195150 A 20230530; EP 4218107 A1 20230802; US 2024030688 A1 20240125; WO 2022063660 A1 20220331

DOCDB simple family (application)
DE 102020211897 A 20200923; CN 202180064572 A 20210916; EP 2021075411 W 20210916; EP 21778017 A 20210916; US 202118043945 A 20210916