

Title (en)
PREHEATER ELECTRODE WITH INSULATING SEAL

Title (de)
VORWÄRMERELEKTRODE MIT ISOLIERENDER ABDICHTUNG

Title (fr)
ÉLECTRODE DE PRÉCHAUFFAGE À JOINT D'ISOLATION

Publication
EP 3143332 A1 20170322 (FR)

Application
EP 15718895 A 20150429

Priority
• FR 1454232 A 20140513
• EP 2015059266 W 20150429

Abstract (en)
[origin: WO2015173017A1] The invention relates to a preheater plug of which the rear end (13) of the body (10) terminates in a bearing surface (131) into which the bore (11) opens. The central electrode (20) comprises a knurled portion (21) of which the external diameter (D1) is smaller than the diameter (D0) of the smooth portion of the central electrode (20). The seal (30) is formed from a sleeve (31) comprising a collar (32). The thickness (e) of the sleeve (31) is greater than the dimension of the gap (i) between the smooth surface of the central electrode (20) and the bore (11), the sleeve being inserted by force into the gap (i). The internal diameter (D4) of the sleeve (31) is larger than the external diameter (D1) of the knurled portion (21).

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: CN EP)
F23Q 7/001 (2013.01 - CN EP)

Citation (search report)
See references of WO 2015173017A1

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 2015173017 A1 20151119; CN 106461217 A 20170222; EP 3143332 A1 20170322; FR 3021094 A1 20151120; JP 2017510789 A 20170413

DOCDB simple family (application)
EP 2015059266 W 20150429; CN 201580024816 A 20150429; EP 15718895 A 20150429; FR 1454232 A 20140513; JP 2017503071 A 20150429