

Title (en)
SYSTEM AND METHOD FOR CATHODIC PROTECTION MONITORING

Title (de)
SYSTEM UND VERFAHREN ZUR KATHODENSCHUTZÜBERWACHUNG

Title (fr)
SYSTÈME ET PROCÉDÉ DE SURVEILLANCE DE PROTECTION CATHODIQUE

Publication
EP 4327111 A1 20240228 (EN)

Application
EP 22790630 A 20220420

Priority
• US 202163178413 P 20210422
• CA 2022050598 W 20220420

Abstract (en)
[origin: WO2022221944A1] The system and method of the present application improve pipeline integrity and may optimize operational efficiencies. Using the data that is generated by cathodic protection and pipeline integrity monitoring devices (e.g. rectifier monitoring), the present application utilizes data analytics techniques, such as artificial intelligence and machine learning algorithms, to improve pipeline integrity operations.

IPC 8 full level
G01R 31/00 (2006.01); **C23F 13/04** (2006.01); **C23F 13/22** (2006.01); **G08B 31/00** (2006.01)

CPC (source: EP GB US)
C23F 13/04 (2013.01 - EP GB US); **C23F 13/22** (2013.01 - EP GB US); **C23F 2213/32** (2013.01 - EP GB 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)
WO 2022221944 A1 20221027; AU 2022259875 A1 20231207; CA 3217048 A1 20221027; EP 4327111 A1 20240228; GB 202316052 D0 20231206; GB 2620862 A 20240124; US 2024200201 A1 20240620

DOCDB simple family (application)
CA 2022050598 W 20220420; AU 2022259875 A 20220420; CA 3217048 A 20220420; EP 22790630 A 20220420; GB 202316052 A 20220420; US 202218555731 A 20220420