

Title (en)  
SYSTEM FOR PROTECTING ELECTROMECHANICAL SWITCHGEARS AND PROTECTION CIRCUITS IN HIGH-VOLTAGE APPLICATIONS

Title (de)  
SYSTEM ZUM SCHUTZ ELEKTROMECHANISCHER SCHALTANLAGEN UND SCHUTZSCHALTUNGEN IN HOCHSPANNUNGSANWENDUNGEN

Title (fr)  
SYSTÈME DE PROTECTION D'APPAREILLAGES DE COMMUTATION ÉLECTROMÉCANIQUES ET CIRCUITS DE PROTECTION POUR APPLICATIONS À HAUTE TENSION

Publication  
**EP 4285397 A1 20231206 (EN)**

Application  
**EP 21706790 A 20210127**

Priority  
US 2021015281 W 20210127

Abstract (en)  
[origin: WO2022164427A1] An electromechanical switching protection system (100) includes an electromechanical switchgear (102) having contacts configured to selectively open and close in response to a control signal, and a junction field effect transistor (JFET) device (104) electrically connected in series with the electromechanical switchgear between an input terminal (IN) and an output terminal (OUT) of the electromechanical switching protection system, a gate (G) of the JFET device being electrically connected to the output terminal.

IPC 8 full level  
**H01H 9/54** (2006.01); **H01H 33/59** (2006.01); **H01H 45/00** (2006.01); **H01H 71/00** (2006.01); **H01H 85/02** (2006.01)

CPC (source: EP)  
**H01H 9/548** (2013.01); **H01H 9/547** (2013.01); **H01H 33/596** (2013.01); **H01H 45/00** (2013.01); **H01H 71/00** (2013.01); **H01H 2085/0283** (2013.01)

Citation (search report)  
See references of WO 2022164427A1

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 2022164427 A1 20220804**; EP 4285397 A1 20231206

DOCDB simple family (application)  
**US 2021015281 W 20210127**; EP 21706790 A 20210127