Title (en)

Generator power switching apparatus

Title (de)

Generatorleistungsschaltungsvorrichtung

Title (fr)

Appareil de commutation de puissance de générateur

Publication

EP 2947675 A1 20151125 (EN)

Application

EP 14275126 A 20140522

Priority

EP 14275126 A 20140522

Abstract (en)

There is provided a generator power switching apparatus for switching an AC current. The generator power switching apparatus comprises a first switching assembly (12) connected between first and second terminals (10), each terminal (10) being connectable to an electrical network (22), the first switching assembly (12) including: a vacuum interrupter assembly including at least one vacuum interrupter (26); an electrical device (28) coupled with the vacuum interrupter assembly; and a control unit (16) configured to control the electrical device (28) to create a voltage that increases a voltage drop across the first switching assembly (12), wherein the generator power switching apparatus further includes a current flow path (14) connected between the first and second terminals (10), the current flow path (14) including a mechanical switch (52) operable to selectively open and close the current flow path (14), the current flow path (14) when closed permitting at least part of a current flowing between the first and second terminals (10) to flow through the current flow path (14) and thereby bypass the electrical device (28), the current flow path (14) when opened inhibiting a current flowing between the first and second terminals (10) from flowing through the current flow path (14).

IPC 8 full level

H01H 33/04 (2006.01); **H01H 33/59** (2006.01); **H01H 33/666** (2006.01); **H02H 3/00** (2006.01)

CPC (source: EP)

H01H 33/04 (2013.01); **H01H 33/596** (2013.01); **H01H 33/6661** (2013.01)

Citation (applicant)

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Citation (search report)

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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)

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