

Title (en)

METHOD FOR TESTING GAS-INSULATED ELECTRICAL HIGH-VOLTAGE EQUIPMENT, PARTICULARLY FOR TESTING AN SF6-FILLED HIGH-VOLTAGE CIRCUIT BREAKER, AND CIRCUIT ARRANGEMENT COMPRISING AT LEAST ONE ELECTRICAL HIGH-VOLTAGE DEVICE WITH AN INSULATING GAS FILLING

Title (de)

VERFAHREN ZUR PRÜFUNG EINES GASISOLIERTEN ELEKTRISCHEN HOCHSPANNUNGSBETRIEBSMITTELS, INSBESONDERE ZUR PRÜFUNG EINES SF6-GEFÜLLTEN HOCHSPANNUNGS-LEISTUNGSSCHALTERS SOWIE SCHALTUNGSANORDNUNG UMFASSEND WENIGSTENS EIN ELEKTRISCHES HOCHSPANNUNGSBETRIEBMITTEL MIT EINER ISOLIERGASFÜLLUNG

Title (fr)

PROCÉDÉ DE CONTRÔLE D'UN APPAREIL ÉLECTRIQUE HAUTE TENSION À COUPURE DANS UN GAZ ISOLANT, EN PARTICULIER UN DISJONCTEUR HAUTE TENSION À COUPURE DANS LE SF6, ET CIRCUIT COMPRENANT AU MOINS UN APPAREIL ÉLECTRIQUE HAUTE TENSION À COUPURE DANS UN GAZ ISOLANT

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Application

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Abstract (en)

[origin: WO2013139421A1] The invention relates to a method for testing a gas-insulated electrical high-voltage device, particularly a circuit breaker, comprising at least one gas filling or gas removal by means of a filling or removing device, monitoring of the filling or removal operation by monitoring one or more measured variables of states or state changes in the filling equipment, the removal equipment and/or the device and/or a gas storage device, selected from the measured variables of mass, temperature, pressure and volumetric flow, and shutting down or starting up the device for the purpose of monitoring said device by means of at least one control device and at least one operating device that is electrically isolated from the control device, wherein the method comprises monitoring and visualization of the operating state or switching state of the device on the operating device.

IPC 8 full level

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