

Title (en)

INSULATION FLUID FILLING METHOD AND FILLING APPARATUS

Title (de)

FÜLLVERFAHREN UND FÜLLVORRICHTUNG FÜR EINE ISOLIERFLÜSSIGKEIT

Title (fr)

PROCÉDÉ DE REMPLISSAGE AVEC DU FLUIDE D'ISOLATION ET APPAREIL DE REMPLISSAGE

Publication

**EP 2893544 A1 20150715 (EN)**

Application

**EP 13759713 A 20130904**

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Abstract (en)

[origin: WO2014037396A1] A method and device for providing an insulation fluid (10) and for filling this insulation fluid (10) into medium-voltage or high-voltage switchgear (1) is provided. The method comprises method elements of mixing at least two fluid components (A,B) for yielding a first amount (M1) of insulation fluid (10), monitoring a first mixing ratio (R1) of this first amount (M1), and monitoring a second mixing ratio (R2) of a second amount (M2) of the insulation fluid (10) that is already in the electrical apparatus (1). The first mixing ratio (R1) is controlled such that no condensation of a fluid component (A,B) takes place. Furthermore, the first mixing ratio (R1) and the first amount (M1) of the insulation fluid are controlled using the second mixing ratio (R2), the second amount (M2), a desired target mixing ratio (R), and a target amount (M) of the insulation fluid.

IPC 8 full level

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