

Title (en)

DEVICE AND METHOD FOR DETERMINING A CHARGE STRENGTH OF A PARTIAL DISCHARGE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESTIMMEN EINER LADUNGSSTÄRKE EINER TEILENTLADUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉTERMINATION DE L'INTENSITÉ DE CHARGE D'UNE DÉCHARGE PARTIELLE

Publication

**EP 4182709 A1 20230524 (DE)**

Application

**EP 21743042 A 20210712**

Priority

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Abstract (en)

[origin: WO2022012720A1] The invention relates to a device for determining a charge strength of a partial discharge, comprising a measurement device and an evaluation device (4). The measurement device is configured to detect a measurement signal which indicates a pulse curve of a measurement variable, said pulse curve being caused by a partial discharge in a conductor (1), and to generate measurement data indicating the measurement signal. The evaluation device (4) is configured to receive the measurement data from the measurement device, to determine a pulse width of the pulse curve based on the measurement data, and to determine a charge strength of the partial discharge based on the pulse width of the pulse curve. The invention also relates to a method for determining a charge strength of a partial discharge.

IPC 8 full level

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