

Title (en)
VOLTAGE SENSOR AND APPARATUS

Title (de)
SPANNUNGSSENSOR UND VORRICHTUNG

Title (fr)
CAPTEUR DE TENSION ET APPAREIL

Publication
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Application
EP 18939915 A 20181116

Priority
CN 2018115999 W 20181116

Abstract (en)
[origin: WO2020097933A1] Embodiments of present disclosure relate to a voltage sensor(10) and an apparatus(11) including the voltage sensor(10). The voltage sensor(10) comprises a first capacitor(12) configured to receive a first voltage for a first phase of an alternating current supply system(1), a second capacitor(14) coupled between the first capacitor(12) and a reference voltage and configured to generate a second voltage based on the first voltage; and a transformer(16) comprising a first winding(164) coupled in parallel to the second capacitor(14) and a second winding(166) magnetically coupled to the first winding(164), the transformer(16) configured to generate a third voltage directly for a field testing unit without conversion of voltage by a further transformer. The third voltage is based on the second voltage and below the second voltage.

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G01R 15/16 (2013.01); **G01R 15/18** (2013.01); **G01R 31/42** (2013.01)

Citation (search report)

- [XYI] CN 108646082 A 20181012 - JIANGSU JINGJIANG TRANSF CO LTD
- [Y] US 2018136257 A1 20180517 - STEUER RONALD [AT], et al
- See also references of WO 2020097933A1

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US11644484B2; US11774481B2; US11543436B2; US11740261B2; US11815529B2

Designated contracting state (EPC)
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