

Title (en)

HEAT CONTROL SYSTEM OF A TRANSFORMER

Title (de)

WÄRMESTEUERUNGSSYSTEM EINES TRANSFORMATORS

Title (fr)

SYSTÈME DE CONTRÔLE THERMIQUE D'UN TRANSFORMATEUR

Publication

EP 3893255 A1 20211013 (EN)

Application

EP 20168886 A 20200409

Priority

EP 20168886 A 20200409

Abstract (en)

A heat exchange control system of a transformer, comprising a plurality of fans adapted to force the passage of air through one or more transformer windings in order to facilitate the heat exchange between such windings and the surrounding environment, actuation devices of said fans, one or more inputs for receiving the thermal status of the transformer and/or commands as a function of the thermal status of the transformer, and at least one control unit in communication with said one or more inputs and said actuation devices, said control unit being programmed to send actuation signals to the actuation devices so as to adjust the rotation speed of each fan as a function of the thermal status of the transformer.

IPC 8 full level

H01F 27/08 (2006.01); **H01F 27/28** (2006.01); **H01F 27/40** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

H01F 27/085 (2013.01); **H01F 27/2876** (2013.01); **H01F 27/402** (2013.01); **H01F 27/322** (2013.01); **H01F 2027/406** (2013.01)

Citation (search report)

- [X1] CN 2452102 Y 20011003 - PANG QIDONG [CN]
- [X1] CN 105810402 A 20160727 - SHILIN ELECTRIC (SUZHOU) ELECTRIC POWER EQUIPMENT CO LTD
- [X1] CN 205406243 U 20160727 - GUANGZHOU YINBIAN POWER EQUIPMENT CO LTD
- [X1] KR 20180076632 A 20180706 - KYUNGPOOK NAT UNIV IND ACADEMIC COOP FOUND [KR]
- [A] EP 2629415 A1 20130821 - PANASONIC CORP [JP]
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- [A] US 2009154906 A1 20090618 - FRANKEL SCOTT [US], et al

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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DOCDB simple family (application)

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