

Title (en)

Detection of decomposition gas formation in transformers

Title (de)

Überwachung der Spaltgasbildung in Transformatoren

Title (fr)

Détection de la formation de gaz de décomposition dans les transformateurs

Publication

EP 0783198 A1 19970709 (DE)

Application

EP 96100103 A 19960105

Priority

EP 96100103 A 19960105

Abstract (en)

The monitoring method uses detection of temperature-dependent volume or pressure variations, for indicating an internal fault or oil leakage within the transformer. The detection is effected via at least one temperature-dependent contact (B1,B2) and a second contact (A) responsive to volume variations, displaced relative to one another to close a current circuit, activating a display or an alarm and/or initiating automatic cut-out of the transformer.

Abstract (de)

Verfahren und Vorrichtungen zur Ermittlung ungelöster Spaltgase in Isolierflüssigkeiten von Transformatoren zum Zweck der Überwachung und der Früherkennung von Fehlern oder eines Öllecks in Transformatoren mit Hilfe temperaturbezogener Volumen- oder Drucküberwachung. <IMAGE>

IPC 1-7

H02H 5/08; **H01H 35/28**

IPC 8 full level

H01H 35/28 (2006.01); **H02H 5/08** (2006.01)

CPC (source: EP US)

H01H 33/555 (2013.01 - EP US); **H01H 35/28** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT CH DE FR GB IE LI

DOCDB simple family (publication)

EP 0783198 A1 19970709; **EP 0783198 B1 19980916**; AT E171314 T1 19981015; DE 59600566 D1 19981022; US 5900538 A 19990504

DOCDB simple family (application)

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