

Title (en)

PROCESS FOR OPERATING MAINS SUPPLY UNITS

Title (de)

VERFAHREN ZUM BETREIBEN VON SCHALTNETZTEILEN

Title (fr)

PROCEDE DE FONCTIONNEMENT D'ALIMENTATIONS A DECOUPAGE

Publication

EP 1925194 A2 20080528 (DE)

Application

EP 06777776 A 20060714

Priority

- EP 2006064249 W 20060714
- DE 102005043882 A 20050914

Abstract (en)

[origin: WO2007031354A2] In a process for operating an air-cooled mains supply unit for industrial application, temperatures influenced by outer heat sources and by heat sources arranged in the mains supply unit are measured by thermo-elements (11, 12, 13, 14, 15) and reported to a control system. Temperatures measured by at least two thermo-elements (11, 12, 13, 14, 15) arranged at different measurement points are reported to the control system, and the measured temperatures are compared with temperature patterns. The comparison with known temperature patterns makes it possible to sense the totality of the thermal conditions continuously and to derive therefrom ratings for the control system.

IPC 8 full level

H05K 7/20 (2006.01)

CPC (source: EP KR US)

H02M 1/32 (2013.01 - EP US); **H02M 1/327** (2021.05 - KR); **H02M 3/003** (2021.05 - KR); **H05K 7/20** (2013.01 - KR);
H02M 3/003 (2021.05 - EP US)

Citation (search report)

See references of WO 2007031354A2

Citation (examination)

EP 1739833 A2 20070103 - ST MICROELECTRONICS INC [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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