

Title (en)  
INTERMEDIATE CIRCUIT CAPACITOR SHORT-CIRCUIT MONITORING

Title (de)  
ZWISCHENKREISKONDENSATOR-KURZSCHLUSSÜBERWACHUNG

Title (fr)  
SURVEILLANCE DE COURT-CIRCUIT DE CONDENSATEUR DE CIRCUIT INTERMEDIAIRE

Publication  
**EP 1523796 A2 20050420 (DE)**

Application  
**EP 03764892 A 20030714**

Priority  
• DE 0302358 W 20030714  
• DE 10232145 A 20020713

Abstract (en)  
[origin: WO2004010557A2] The invention relates to an electronic circuit for short-circuit monitoring of one of at least two intermediate circuit capacitor units arranged in series, whereby the difference between the voltage at the node point between two of the units for monitoring and a reference voltage derived from the intermediate circuit voltage and relevant to the monitoring, are used as control signal, which, in the case of a capacitor short-circuit, exceeds or falls below a threshold value and an error signal is generated.

IPC 1-7  
**H02H 7/16**

IPC 8 full level  
**H02H 7/16** (2006.01); **H02M 7/12** (2006.01)

CPC (source: EP US)  
**H02H 7/16** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004010557A2

Citation (examination)  
• DE 19651726 A1 19980618 - SIEMENS AG [DE]  
• EP 0107797 A1 19840509 - ALLEN BRADLEY CO [US]  
• EP 1207622 A2 20020522 - OMRON TATEISI ELECTRONICS CO [JP]  
• US 4275307 A 19810623 - STRUGER ODO J, et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004010557 A2 20040129; WO 2004010557 A3 20040408**; AU 2003264233 A1 20040209; DE 10232145 A1 20040129; EP 1523796 A2 20050420; JP 2005533476 A 20051104; US 2006164102 A1 20060727; US 7084638 B1 20060801

DOCDB simple family (application)  
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