



(11) **EP 2 465 193 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
H02P 9/10 (2006.01)

(86) International application number:
PCT/FI2010/050618

(48) Corrigendum issued on:
07.11.2018 Bulletin 2018/45

(87) International publication number:
WO 2011/018549 (17.02.2011 Gazette 2011/07)

(45) Date of publication and mention
of the grant of the patent:
03.10.2018 Bulletin 2018/40

(21) Application number: **10759937.5**

(22) Date of filing: **06.08.2010**

(54) **A PROTECTION ARRANGEMENT OF AN ELECTRIC POWER SYSTEM**
SCHUTZANORDNUNG FÜR EIN STROMVERSORGUNGSSYSTEM
ENSEMBLE DE PROTECTION D'UN SYSTÈME D'ALIMENTATION ÉLECTRIQUE

(84) Designated Contracting States:
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 SE SI SK SM TR

(30) Priority: **12.08.2009 FI 20095838**

(43) Date of publication of application:
20.06.2012 Bulletin 2012/25

(73) Proprietor: **Wärtsilä Finland Oy**
65100 Vaasa (FI)

(72) Inventor: **RIIHIMÄKI, Vesa**
FI-65320 Vaasa (FI)

(74) Representative: **Berggren Oy, Helsinki & Oulu**
P.O. Box 16
Eteläinen Rautatiekatu 10A
00101 Helsinki (FI)

(56) References cited:
US-A- 3 836 822 US-A- 4 071 870

- **DELFINO BET AL: "Impact of turbine fast-valving on generator and transformer protective relays", 19930905; 19930905 - 19930908, vol. 2, 5 September 1993 (1993-09-05), pages 727-731, XP010278918,**
- **CRESAP R L ET AL: "Transient Stability Enhancement by 120-Degree Phase Rotation", IEEE TRANSACTIONS ON POWER APPARATUS AND SYSTEMS, IEEE INC. NEW YORK, US, vol. PAS-100, no. 2, 1 February 1981 (1981-02-01), pages 745-753, XP011168813, ISSN: 0018-9510, DOI: DOI:10.1109/TPAS.1981.316926**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 465 193 B8