

Title (en)  
METHOD AND APPARATUS FOR MANAGING THE VOLTAGE OF A POLYPHASE SUPPLY

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR REGELUNG DER SPANNUNG EINER MEHRPHASENVERSORGUNG

Title (fr)  
PROCÉDÉ ET APPAREIL DE GESTION DE LA TENSION D'UNE ALIMENTATION POLYPHASÉE

Publication  
**EP 3847731 A1 20210714 (EN)**

Application  
**EP 19766333 A 20190906**

Priority  
• GB 201814613 A 20180907  
• GB 2019052496 W 20190906

Abstract (en)  
[origin: WO2020049318A1] Embodiments of the present invention provide a method and apparatus for managing the voltage of a polyphase supply, comprising defining a set point for the load voltage of each phase, measuring a load voltage on each phase of the polyphase supply, and deriving an adjustment component from each phase of the supply, and combining each adjustment component with its respective phase of the supply to maintain the load voltage on each phase at the set point.

IPC 8 full level  
**H02J 3/26** (2006.01)

CPC (source: EP GB)  
**H02J 3/26** (2013.01 - EP GB); **Y02E 40/50** (2013.01 - EP)

Citation (search report)  
See references of WO 2020049318A1

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)  
**WO 2020049318 A1 20200312**; AU 2019335573 A1 20210325; CN 112655126 A 20210413; EP 3847731 A1 20210714; GB 201814613 D0 20181024; GB 2577043 A 20200318; GB 2577043 B 20221116

DOCDB simple family (application)  
**GB 2019052496 W 20190906**; AU 2019335573 A 20190906; CN 201980058362 A 20190906; EP 19766333 A 20190906; GB 201814613 A 20180907