Title (en)

DISTRIBUTED SYSTEM FOR ELECTRICALLY SUPPLYING A POWER BUS AND METHOD OF CONTROLLING POWER SUPPLY USING SUCH SYSTEM

Title (de)

VERTEILTES SYSTEM ZUM ELEKTRISCHEN ZUFÜHREN EINES STROMVERSORGUNGSBUSSES UND VERFAHREN ZUR STEUERUNG EINER STROMVERSORGUNG MIT EINEM SOLCHEN SYSTEM

Title (fr)

SYSTEME REPARTI D'ALIMENTATION ELECTRIQUE D'UN BUS DE PUISSANCE ET PROCEDE DE CONTROLE D'UNE ALIMENTATION EN COURANT UTILISANT CE SYSTEME

Publication

EP 1782146 A2 20070509 (EN)

Application

EP 05760580 A 20050707

Priority

- IT 2005000391 W 20050707
- IT RM20040396 A 20040804

Abstract (en)

[origin: WO2006013600A2] The invention concerns a distributed system for electrically supplying a power bus, comprising a power bus (100) connected to at least one electrical load (5); a supply subsystem comprising a plurality (17) of supply sections (17'), at least two supply sections (17') of said plurality (17) being primary supply sections, that is apt to produce electrical energy starting from other forms of energy, characterised in that each one of the primary supply sections is apt to assume an operating mode selected from a set of operating modes comprising at least two of the following modes: a first mode of maximum power point tracking, a second mode of high power generation, a third mode of regulation; and controlling means (16, CS, CSC, CM, 27) apt to select and control for each primary supply section an operating mode from said set of operating modes. The invention further concerns a method of controlling power, using a power system according to the invention.

IPC 8 full level

G05F 1/67 (2006.01); **G05F 1/66** (2006.01); **H02J 7/35** (2006.01)

CPC (source: EP)

H02J 7/35 (2013.01); Y02E 10/56 (2013.01)

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Cited by

US11018623B2; US9853565B2; US10992238B2; US9876430B2; US10673229B2; US11070051B2; US11489330B2; US9960731B2; US11579235B2; US11961922B2; US12032080B2; US10461687B2; US10468878B2; US10693415B2; US11183969B2; US11296650B2; US11424616B2; US9644993B2; US9923516B2; US10381977B2; US11002774B2; US11073543B2; US11183968B2; US11598652B2; US11620885B2; US9680304B2; US9948233B2; US10097007B2; US11063440B2; US11962243B2; US11264947B2; US11687112B2; US11894806B2; US9935458B2; US10637393B2; US11271394B2; US11476799B2; US11996488B2; US9639106B2; US9866098B2; US10007288B2; US10666125B2; US11205946B2; US11881814B2; US9853490B2; US9941813B2; US11545912B2; US11742777B2; US12027849B2; US9673711B2; US9960667B2; US10116217B2; US10516336B2; US11031861B2; US11309832B2; US11575260B2; US11575261B2; US11594968B2; US11594882B2; US11594881B2; US11594880B2; US11658482B2; US11735910B2; US9647442B2; US9853538B2; US9869701B2; US10447150B2; US10673222B2; US10931228B2; US10969412B2; US11183922B2; US11349432B2; US11867729B2; US12003215B2; US10115841B2; US10396662B2; US10778025B2; US10931119B2; US11177663B2; US11177768B2; US11201476B2; US11728768B2; US11870250B2; US11979037B2; US12003107B2; US9831824B2; US9979280B2; US10230310B2; US10644589B2; US10886832B2; US10886831B2; US11183923B2; US11296590B2; US11632058B2; US11693080B2; US9812984B2; US9819178B2; US9966766B2; US10230245B2; US10608553B2; US10651647B2; US10673253B2; US11043820B2; US11424617B2; US11682918B2; US11888387B2; US11929620B2; US12027970B2; US12046940B2

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