

Title (en)

POWER SYSTEM FOR A TELECOMMUNICATIONS NETWORK

Title (de)

STROMVERSORGUNGSSYSTEM FÜR EIN TELEKOMMUNIKATIONSNETZWERK

Title (fr)

SYSTÈME D'ALIMENTATION POUR RÉSEAU DE TÉLÉCOMMUNICATIONS

Publication

EP 2090090 A1 20090819 (EN)

Application

EP 07869002 A 20071205

Priority

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Abstract (en)

[origin: WO2008070725A1] Various embodiments of a power supply solution for a telecommunications site and/or network provide either a primary source or a backup source of electrical power for reliable operation of telecommunications equipment. One subsystem of the power supply solution includes one or more proton exchange membrane type fuel cells and an energy storage device for storing DC electrical power produced by the fuel cells. Another subsystem includes one or more microturbine generators, one or more rectifiers for converting AC electrical power produced by the microturbine generators to DC electrical power, and one or more proton exchange membrane type fuel cells for producing DC electrical power.

IPC 8 full level

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