Title (en)

COMPUTER-SUPPORTED METHOD FOR OPTIMIZING ENERGY USAGE

Title (de)

COMPUTERGESTÜTZTES VERFAHREN ZUR OPTIMIERUNG DER ENERGIENUTZUNG

Title (fr)

PROCÉDÉ INFORMATISÉ D'OPTIMISATION D'EXPLOITATION D'ÉNERGIE

Publication

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Application

EP 09768509 A 20091120

Priority

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- DE 102008037576 A 20081121

Abstract (en)

[origin: WO2010057987A2] The invention relates to a computer-supported method for monitoring, controlling and optimizing energy usage in a system made up of mobile energy sources, an energy network, a fixed energy supply connected to the energy network, energy consumers connected to the energy network and fixed docking stations for mobile energy users, said stations likewise connected to the energy network. The system is controlled through autonomous agents, wherein said agents assume a representative function relative to the components of the system. The agents associated with the fixed energy supply and the mobile energy sources negotiate, amongst themselves, the time points and the amounts of energy to be exchanged, and then provide the controls necessary for the energy transfer, incorporating other agents if necessary.

IPC 8 full level

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Citation (search report)

See references of WO 2010057987A2

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