Title (en)

SYSTEM AND METHOD FOR ENERGY DISTRIBUTION

Title (de)

SYSTEM UND VERFAHREN ZUR ENERGIEVERTEILUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE DISTRIBUTION D'ÉNERGIE

Publication

EP 2973932 A4 20161116 (EN)

Application

EP 14763819 A 20140314

Priority

- US 201361786928 P 20130315
- US 2014028077 W 20140314

Abstract (en)

[origin: WO2014143908A1] A Dispatch Planner (DP) is a component in an Energy System Controller that controls the operation of energy resources interconnected into one energy system to provide optimal energy management for a customer. In one embodiment, the energy storage system includes an electric load, dispatchable sources of energy such as an electrical grid, diesel generators, combined heat and power generators; renewable sources of energy such as photo-voltaic cells and wind turbines; and stored energy resources such as electrochemical batteries or pumped hydro reserves.

IPC 8 full level

H02J 3/38 (2006.01)

CPC (source: EP US)

H02J 3/381 (2013.01 - EP US); **H02J 3/46** (2013.01 - EP US); H02J 2203/20 (2020.01 - EP US); H02J 2300/20 (2020.01 - EP US); H02J 2300/22 (2020.01 - EP US); Y02B 70/3225 (2013.01 - EP); Y02E 10/76 (2013.01 - EP); Y02E 60/00 (2013.01 - EP); Y04S 20/222 (2013.01 - EP); Y04S 40/20 (2013.01 - EP)

Citation (search report)

- [E] EP 2941809 A2 20151111 - BOSCH GMBH ROBERT [DE], et al
- [X] ELEONORA RIVA SANSEVERINO ET AL: "An execution, monitoring and replanning approach for optimal energy management in microgrids", ENERGY, PERGAMON PRESS, OXFORD, GB, vol. 36, no. 5, 19 March 2011 (2011-03-19), pages 3429 - 3436, XP028204423, ISSN: 0360-5442, [retrieved on 20110325], DOI: 10.1016/J.ENERGY.2011.03.047
- See references of WO 2014143908A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2014143908 A1 20140918; EP 2973932 A1 20160120; EP 2973932 A4 20161116

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US 2014028077 W 20140314; EP 14763819 A 20140314