Title (en)

ADJUSTMENT OF AN INDUSTRIAL INSTALLATION

Title (de)

EINSTELLUNG EINER INDUSTRIELLEN ANLAGE

Title (fr)

RÉGLAGE D'UNE INSTALLATION INDUSTRIELLE

Publication

EP 2697753 A1 20140219 (DE)

Application

EP 12751019 A 20120802

Priority

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Abstract (en)

[origin: WO2013026673A1] It is proposed that an industrial installation, e.g. a production or logistics system, be operated in optimized fashion, with the power consumption being optimized for a target function. Besides the power consumption, the target function may also factor in further parameters, e.g. for an energy supplier or the installation itself, with the result that multitarget optimization, for example, can be performed and the installation can be adapted in respect of the power consumption or the power consumption can be adapted in respect of the installation. Both the industrial installation and an energy supplier or network operator provide information which can be factored in as appropriate for the purpose of optimization or as part of the target function. In this case, it is advantageous that overload situations are avoided and, in particular, a large number of regenerative energy sources can be used as energy suppliers, because adaptation is effected in line with the amount of energy actually provided and hence the power supply system can be operated and loaded as appropriate. The invention can be used in smart grids or in production or logistics management systems, for example.

IPC 8 full level

G06Q 10/06 (2012.01); **G06Q 10/08** (2012.01)

CPC (source: EP US)

G06Q 10/06 (2013.01 - EP US); **G06Q 10/08** (2013.01 - EP US); **H02J 4/00** (2013.01 - US); Y02E 40/70 (2013.01 - EP US); Y02P 90/02 (2015.11 - EP US); Y04S 10/50 (2013.01 - EP US)

Citation (search report)

See references of WO 2013026673A1

Citation (examination)

- DE 602004012399 T2 20081127 - ABB RESEARCH LTD [CH]
- EP 1748529 B1 20080820 - TECHNIDATA AG [DE]

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