Title (en)
METHOD FOR MANAGING PROCESS AUTOMATION CONTROL AND ASSOCIATED SYSTEM

Title (de)
VERFAHREN ZUR VERWALTUNG EINER PROZESSAUTOMATIONSSTEUERUNG UND ZUGEHÖRIGES SYSTEM

Title (fr)
PROCÉDÉ DE GESTION DE COMMANDE D'AUTOMATISATION DE PROCESSUS ET SYSTÈME ASSOCIÉ

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EP 12711198 A 20120330

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Abstract (en)
[origin: WO2012131074A1] The present invention refers to a method for matching elements of a first protocol or standard with elements of a second protocol or standard in a process automation control planning of a plant wherein the elements of the first protocol or standard refer to input/output objects of logical nodes (3) established according to an IEC 61850 protocol and wherein the elements of the second protocol or standard refer to input (7) /output (9) arguments of control programs established according to an IEC 61131-3 standard, said control programs being aimed at driving actuation equipments associated to the logical nodes (3), said method comprising the following steps: configuring logical nodes (3) based on predefined classes of logical nodes (3) established according to the protocol IEC 61850 in order to define the input/output objects used by the said logical nodes (3), creating input (7) /output (9) arguments of control programs corresponding to the input/output objects of the logical nodes (3), establishing a matching between the said input (7) /output (9) arguments and the said input/output objects.

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Citation (search report)
See references of WO 2012131074A1

Citation (examination)
• YI YONGHUI ET AL: "Graphic oriented programming technique of intelligent electronic device based on IEC 61850", DIANLI XITONG ZIDONGHUA - AUTOMATION OF ELECTRIC POWER SYSTEMSPRESS, NANJING ZIDONGHUA YANJIUSUO, NANJING, CN, vol. 32, no. 16, 25 August 2008 (2008-08-25), pages 43 - 46, 71, XP009504801, ISSN: 1000-1026, DOI: 10.3321/J.ISSN:1000-1026.2008.16.010
• YONGHUI YI ET AL: "Graphic oriented programming technique of intelligent electronic device based on IEC 61850", DIANLI XITONG ZIDONGHUA - AUTOMATION OF ELECTRIC POWER SYSTEMSPRESS, vol. 32, no. 16, 25 August 2008 (2008-08-25), CN, pages 43 - 46, XP055761801, ISSN: 1000-1026

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