

Title (en)

FIELD DEVICE OF MODULAR DESIGN IN PROCESS AUTOMATION ENGINEERING

Title (de)

MODULAR AUFGEBAUTES FELDGERÄT DER PROZESSAUTOMATISIERUNGSTECHNIK

Title (fr)

APPAREIL DE CHAMP À STRUCTURE MODULAIRE DE LA TECHNIQUE D'AUTOMATISATION DES PROCESSUS

Publication

**EP 2176720 A2 20100421 (DE)**

Application

**EP 08786028 A 20080710**

Priority

- EP 2008058972 W 20080710
- DE 102007038061 A 20070810

Abstract (en)

[origin: WO2009021788A2] The present invention relates to a field device (1) of modular design in process automation engineering which has a basic card (2) with an executable basic program, wherein the basic card (2) can be expanded by at least one expansion card (3) having at least one executable expansion program, wherein, for the purpose of executing the basic program, the basic card (2) comprises at least one computation unit (4) and a first memory unit (6) customized to the storage space of the executable basic program, characterized in that the expansion card (3) comprises at least one second memory unit (7) designed for the storage space of the expansion program, in that there is provision for automatic recognition of the connected expansion card (3) by the basic card (2), and in that, for the purpose of expanding the basic program using the relevant expansion programs, provision is made for the computation unit (4) to access the second memory unit (7) in part and/or intermittently.

IPC 8 full level

**G05B 19/042** (2006.01); **G06F 13/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009021788A2

Citation (examination)

- DE 10161401 A1 20030618 - ENDRESS & HAUSER GMBH & CO KG [DE]
- DE 202007000903 U1 20070606 - INSTA ELEKTRO GMBH [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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