

Title (en)

FIELD DEVICE FOR PROCESSING DATA AND PARAMETERS IN A DECENTRALISED AUTOMATION SYSTEM

Title (de)

FELDGERÄT ZUR DATEN- UND PARAMETERVERARBEITUNG IN EINEM DEZENTRALEN AUTOMATISIERUNGSSYSTEM

Title (fr)

APPAREIL DE TERRAIN POUR LE TRAITEMENT DE DONNEES ET DE PARAMETRES DANS UN SYSTEME D'AUTOMATISATION DECENTRALISE

Publication

EP 1831766 A1 20070912 (DE)

Application

EP 05811009 A 20051129

Priority

- EP 2005056332 W 20051129
- DE 102004063776 A 20041230

Abstract (en)

[origin: WO2006072513A1] The invention relates to a field device for processing data and parameters in a decentralised automation system, wherein the other connected components of a field bus of the decentralised automation system are communicated with each other by means of a field bus connected to the field device, a homogenous automation system is constructed from a plurality of encapsulated functional blocks which decentrally operate in the individual components of the field bus and communicate with each other. The aim of said invention is to develop a functional block for field busses used for process automation technology which make it possible to store and control in a simple manner data and/or parameters from different functional blocks of the automation system decentralised units and to autonomously re-parametering the functional blocks of a respective field device.

IPC 8 full level

G05B 19/418 (2006.01)

CPC (source: EP US)

G05B 19/4185 (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US); **Y02P 90/80** (2015.11 - EP US)

Citation (search report)

See references of WO 2006072513A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004063776 A1 20060713; EP 1831766 A1 20070912; US 2011153078 A1 20110623; US 8306658 B2 20121106; WO 2006072513 A1 20060713

DOCDB simple family (application)

DE 102004063776 A 20041230; EP 05811009 A 20051129; EP 2005056332 W 20051129; US 79432405 A 20051129