Title (en)
SYSTEM AND METHOD FOR CONFIGURING AND CONDUCTING TEST PROCESSES

Title (de)
SYSTEM UND VERFAHREN ZUR PROJEKTIERUNG UND DURCHFÜHRUNG VON PRÜFABLÄUFEN

Title (fr)
SYSTEME ET PROCEDE DE PROJECTION ET D'EXECUTION DE PROCESSUS DE CONTROLE

Publication
EP 1071935 A2 20010131 (DE)

Application
EP 99927660 A 19990414

Priority
- DE 9901113 W 19990414
- DE 19817137 A 19980417
- DE 19834972 A 19980803
- DE 19855874 A 19981203

Abstract (en)
[origin: WO9954698A2] The invention relates to a system and a method for configuring and conducting test processes. The system consists of a hardware catalog (2), in which hardware objects (2a ... 2d) relevant to the system are stored as representation of real hardware components (e.g. calibrators, sensors, signal conditioners, signal detection modules, actuators) in addition to a executable objects (3a ... 3d) (e.g. signal detection and processing, display, filing) for configuring and/or testing a measuring structure formed on the basis of the hardware objects and/or the executable objects. The hardware objects (2a ... 2d) and the executable objects (3a ... 3d) have at least one predetermined interface (17 ... 21) for interconnecting the hardware objects (2a ... 2d) and/or the executable objects (3a ... 3d). By representing the measuring hardware components and control algorithms as software objects, a testing tool is obtained which can be fully and continuously used for configuring. Due to the fact that the configuring data can be immediately used and executed, the hardware objects and the signal processing method can be interconnected or flexibly changed. The otherwise required compilation is no longer necessary thereby enabling easy adaptation of test processes.

IPC 1-7
G01M 1/00

IPC 8 full level
G01H 1/12 (2006.01); **G01V 1/28** (2006.01); G01R 13/28 (2006.01); G01R 13/30 (2006.01)

CPC (source: EP)
G01H 1/12 (2013.01); **G01V 1/28** (2013.01); G01R 13/28 (2013.01); G01R 13/30 (2013.01)

Citation (search report)
See references of WO 9954698A2

Designated contracting state (EPC)
DE DK FR GB IT

DOCDB simple family (publication)
WO 9954698 A2 19991028; **WO 9954698 A3 20000302**; EP 1071935 A2 20010131

DOCDB simple family (application)
DE 9901113 W 19990414; EP 99927660 A 19990414