

Title (en)  
MICRO-ELECTRO-MECHANICAL INTEGRATED CONTROL SYSTEMS

Title (de)  
MIKROELEKTRISCH-MECHANISCH INTEGRIERTES STEUERUNGSSYSTEM

Title (fr)  
SYSTEME DE COMMANDE MICRO-ELECTRO-MECANIQUE INTEGRE

Publication  
**EP 1012683 A2 20000628 (EN)**

Application  
**EP 98944433 A 19980807**

Priority  
• US 9816490 W 19980807  
• US 5495197 P 19970807

Abstract (en)  
[origin: WO9908168A2] An integrated electro-mechanical control device has an interface for communicating with a central computer system, or an array of computer systems, to allow for the distributed and reconfigurable development of a control network. The control units described herein can include a plurality of microelectronic devices including micromachined sensors such as pressure sensors and temperature sensors which are formed on a chip including a circuit for being able to selectively configure the various sensor elements under the control of a central computing system.

IPC 1-7  
**G05B 23/02**

IPC 8 full level  
**G05B 19/02** (2006.01); **G05B 19/042** (2006.01); **G06F 17/40** (2006.01)

CPC (source: EP)  
**G05B 19/0423** (2013.01); **G05B 2219/21005** (2013.01); **G05B 2219/25093** (2013.01); **G05B 2219/25187** (2013.01); **G05B 2219/25192** (2013.01); **G05B 2219/25232** (2013.01); **G05B 2219/25323** (2013.01)

Citation (search report)  
See references of WO 9908168A2

Cited by  
US7814046B2; US7672747B2; US7565220B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9908168 A2 19990218; WO 9908168 A3 19990429**; AU 9197198 A 19990301; CA 2299507 A1 19990218; CN 1276072 A 20001206; EP 1012683 A2 20000628; JP 2001512865 A 20010828

DOCDB simple family (application)  
**US 9816490 W 19980807**; AU 9197198 A 19980807; CA 2299507 A 19980807; CN 98809689 A 19980807; EP 98944433 A 19980807; JP 2000506571 A 19980807