

Title (en)  
CONNECTING MODULE FOR CONNECTING AT LEAST ONE SENSOR, ACTUATOR, OR EFFECTOR TO A SERVICE-ORIENTED-ARCHITECTURE NETWORK

Title (de)  
VERBINDUNGSMODUL ZUM ANBINDEN MINDESTENS EINES SENSORS, AKTORS ODER EFFEKTORS AN EIN SERVICE ORIENTED ARCHITECTURE- (SOA-) NETZWERK

Title (fr)  
MODULE DE LIAISON POUR LE RACCORDEMENT D'AU MOINS UN CAPTEUR, ACTIONNEUR OU EFFECTEUR À UN RÉSEAU À ARCHITECTURE ORIENTÉE SERVICES (SOA)

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Application  
**EP 10795250 A 20101218**

Priority  
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Abstract (en)  
[origin: WO2011088878A1] The invention relates to a connecting module (3) for connecting at least one sensor (2), effector, or actuator to a service-oriented-architecture, called SOA, network (4), wherein a functionality of the at least one sensor (2) is mapped as a service in the SOA network (4). In order to enable the integration of sensors (2) that are not SOA-capable in themselves into an SOA environment, the connecting module (3) has at least one first interface (3.2) for connecting the at least one sensor (2), effector, or actuator, at least one second interface (3.4) for connecting the SOA network (4), and a computing device (7) for executing a computer program, wherein a part (8.1) of the computer program to be executed is specified by default and another part (8.2) of the computer program is freely programmable by a manufacturer of the at least one sensor (2) in order to adapt firmware on the at least one sensor (2) to the SOA environment. The invention further relates to a module unit (22) of the connecting module (3) that prepares the service mapped in the SOA environment for transmission over a military radio network (35) having low bandwidth while maintaining the SOA functionality.

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Citation (search report)  
See references of WO 2011088878A1

Citation (examination)  
US 2007236346 A1 20071011 - HELAL ABDELSALAM [US], et al

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