

Title (en)

SYSTEM FOR PREPARING A STANDARD FRAMEWORK FOR AUTOMATION APPLIANCES

Title (de)

SYSTEM ZUR BEREITSTELLUNG EINES STANDARD-FRAMEWORKS FÜR AUTOMATISIERUNGSGERÄTE

Title (fr)

SYSTEME SERVANT A FOURNIR UN CADRE STANDARD POUR DES AUTOMATES PROGRAMMABLES

Publication

EP 1570346 A2 20050907 (DE)

Application

EP 03797171 A 20030818

Priority

- DE 0302753 W 20030818
- DE 10242916 A 20020916

Abstract (en)

[origin: WO2004027608A2] The invention relates to a system and a method for preparing a standardised functionality which is independent from the type of appliance and is used to create a solution in the field of automation. The specific properties and functions of different automation systems (61..n) are directly covered or generalised on respective appliances by a system-specific adapter, the automation runtime layer (ARL) (31..n). Another component implemented on the respective appliance, the runtime framework (RF) (4), provides a general automation functionality and/or base functionality. The automation solution can thus be created in a standardised manner on an engineering system (2), and randomly ported independently from the respective target platform (61..n). Uniform object libraries (7) can be used and already created solutions can be recycled independently from the system.

IPC 1-7

G06F 9/44

IPC 8 full level

G05B 19/042 (2006.01); **G06F 9/44** (2006.01)

CPC (source: EP US)

G06F 8/20 (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)

See references of WO 2004027608A2

Citation (examination)

WO 0150282 A1 20010712 - QUALCOMM INC [US]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2004027608 A2 20040401; **WO 2004027608 A3 20050707**; DE 10242916 A1 20040325; EP 1570346 A2 20050907; US 2006142882 A1 20060629; US 7757205 B2 20100713

DOCDB simple family (application)

DE 0302753 W 20030818; DE 10242916 A 20020916; EP 03797171 A 20030818; US 52791405 A 20050316