

Title (en)
DATA MODEL FOR HOME AUTOMATION

Title (de)
DATENMODELL FÜR HEIMAUTOMATISIERUNG

Title (fr)
MODÈLE DE DONNÉES POUR LA DOMOTIQUE

Publication
EP 3308222 A4 20190123 (EN)

Application
EP 16808247 A 20160609

Priority
• US 201562172913 P 20150609
• US 201562172885 P 20150609
• US 201514943162 A 20151117
• US 2016036574 W 20160609

Abstract (en)
[origin: WO2016201033A1] A system comprises an automation network including a gateway at a premises coupled to a remote server. Premises devices are coupled to the gateway and form a device network in the premises. An automation user interface (AUI) application runs on remote devices and accesses the premises devices, and the remote devices comprise multiple device types. An application program interface (API) executes on the gateway and/or remote server and serves normalized data including state and/or history data of the premises devices to the AUI application on the remote devices. A normalized data model generates the normalized data including the state and/or history data of the plurality of premises devices agnostically to the plurality of remote devices.

IPC 8 full level
G05B 11/01 (2006.01); **G05B 15/02** (2006.01); **G05D 23/19** (2006.01); **G06F 3/048** (2013.01); **H04L 12/28** (2006.01)

CPC (source: EP)
G06F 3/048 (2013.01); **H04L 12/2818** (2013.01); **H04L 12/2825** (2013.01); **H04L 12/2834** (2013.01)

Citation (search report)
• [X] WO 2010019624 A1 20100218 - ICONTROL NETWORKS INC [US], et al
• [X] WO 2014004911 A2 20140103 - ICONTROL NETWORKS INC [US], et al
• [I] US 2003038730 A1 20030227 - IMAFUKU KAZUO [JP], et al
• See references of WO 2016201033A1

Cited by
US11632308B2; US10741057B2; US11341840B2; US11816323B2; US10389736B2; US10447491B2; US11240059B2; US11424980B2; US11700142B2; US10142166B2; US10348575B2; US10735249B2; US11037433B2; US11296950B2; US10666523B2; US11423756B2; US11615697B2; US11646907B2; US11916928B2; US10979389B2; US11082395B2; US11159484B2; US11316958B2; US11582065B2; US11601810B2; US11706279B2; US10313303B2; US10747216B2; US11194320B2; US11809174B2; US10365810B2; US10380871B2; US10444964B2; US10692356B2; US11368327B2; US11616659B2; US11706045B2; US11711234B2; US10616244B2; US10999254B2; US11212192B2; US11237714B2; US11418518B2; US11625161B2; US11894986B2; US10841381B2; US11310199B2; US11368429B2; US11398147B2; US11451409B2; US11588787B2; US11601397B2; US11900790B2; US10237237B2; US10785319B2; US11184322B2; US11258625B2; US11316753B2; US11757834B2; US11916870B2; US10156959B2; US10523689B2; US10530839B2; US10691295B2; US11153266B2; US11175793B2; US11182060B2; US11190578B2; US11496568B2; US11611568B2; US11641391B2; US2016274759A1; US10200504B2; US10375253B2; US10522026B2; US10796557B2; US10992784B2; US11146637B2; US11343380B2; US11410531B2; US11792036B2; US11831462B2; US11991306B2; US10339791B2; US10559193B2; US10616075B2; US10930136B2; US11201755B2; US11244545B2; US11367340B2; US11489812B2; US11626006B2; US11729255B2; US11810445B2; US11893874B2; US10127802B2; US10142392B2; US10223903B2; US10225314B2; US11043112B2; US11218878B2; US11277465B2; US11405463B2; US11412027B2; US11418572B2; US11537186B2; US11656667B2; US11722896B2; US11758026B2; US11815969B2; US11943301B2; US11962672B2; US11089122B2; US10127801B2; US10156831B2; US10754304B2; US10890881B2; US11378922B2; US11449012B2; US11625008B2; US11677577B2; US11782394B2; US10140840B2; US10237806B2; US10275999B2; US10332363B2; US10423309B2; US10498830B2; US10657794B1; US10672254B2; US10674428B2; US10721087B2; US10813034B2; US11129084B2; US11132888B2; US11223998B2; US11356926B2; US11553399B2; US11601865B2; US11663902B2; US11665617B2; US11778534B2; US11811845B2; US11824675B2; US11997584B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016201033 A1 20161215; CA 2992429 A1 20161215; EP 3308222 A1 20180418; EP 3308222 A4 20190123

DOCDB simple family (application)
US 2016036574 W 20160609; CA 2992429 A 20160609; EP 16808247 A 20160609