

Title (en)
MANIPULATION-PROOF INSTALLATION OF BUILDING CONTROL SOFTWARE IN AUTHORISED RUNTIME ENVIRONMENTS

Title (de)
MANIPULATIONSSICHERES INSTALLIEREN VON GEBÄUDESTEUERUNGSSOFTWARE IN FREIGEgebenEN LAUFZEITUMGEBUNGEN

Title (fr)
INSTALLATION DE LOGICIELS DE COMMANDE DE BÂTIMENT PROTÉGÉE CONTRE LES MANIPULATIONS DANS DES ENVIRONNEMENTS D'EXÉCUTION VALIDÉS

Publication
EP 2920687 A1 20150923 (DE)

Application
EP 13792324 A 20131113

Priority
• DE 102012220767 A 20121114
• EP 2013073696 W 20131113

Abstract (en)
[origin: WO2014076116A1] A method (100) is provided for installing building control software (S), which comprises the following steps: transmission (110) of an identity (LUi) of a runtime environment (LU) from said runtime environment (LU) to a software delivery entity (AI); generation (130) of a file (D) by the software delivery entity (AI), wherein the file (D) comprises the transmitted identity (LUi) and the software (S) to be installed or a hash (H(S)) of the software (S) to be installed; signing (140) of the generated file (D) by the software delivery entity (AI) by means of a key (Kai) of the software delivery entity (AI); transmission (150) of the signed file (Kai(D)) from the software delivery entity (AI) to the runtime environment (LU); installation (170) and/or authorisation of the software (S) to be installed in the runtime environment (LU), if and only if the identity (LUi) of the runtime environment (LU) corresponds with the identity (LUi') that has actually been transmitted in the signed file (Kai(D)). The invention further relates to corresponding devices for installing building control software.

IPC 8 full level
G06F 9/445 (2006.01); **G06F 21/10** (2013.01); **G06F 21/12** (2013.01)

CPC (source: EP US)
G06F 8/61 (2013.01 - EP US); **G06F 21/121** (2013.01 - EP US); **H04L 63/0442** (2013.01 - US); **H04L 63/061** (2013.01 - US); **H04L 67/10** (2013.01 - US); **G06F 9/445** (2013.01 - US); **G06F 21/57** (2013.01 - US); **H04L 9/40** (2022.05 - US); **H04L 63/0435** (2013.01 - US); **H04L 65/40** (2013.01 - US)

Citation (search report)
See references of WO 2014076116A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014076116 A1 20140522; CN 104956324 A 20150930; CN 104956324 B 20180522; DE 102012220767 A1 20140528; EP 2920687 A1 20150923; HK 1211359 A1 20160520; US 2015277887 A1 20151001; US 9858061 B2 20180102

DOCDB simple family (application)
EP 2013073696 W 20131113; CN 201380059692 A 20131113; DE 102012220767 A 20121114; EP 13792324 A 20131113; HK 15112129 A 20151209; US 201314442961 A 20131113