

Title (en)
UPDATING OF FIRMWARE

Title (de)
UPDATE EINER FIRMWARE

Title (fr)
MISE À JOUR D'UN MICROPROGRAMME

Publication
EP 3218804 A1 20170920 (DE)

Application
EP 15801313 A 20151021

Priority

- DE 102014116321 A 20141110
- DE 2015100436 W 20151021

Abstract (en)
[origin: CA2967098A1] The invention relates to a first method for updating firmware of a computer system, which is embedded in a technical device, wherein the technical device has a volatile memory module, such as a RAM memory, wherein the technical device has a non-volatile memory module, such as a flash memory, in which a firmware update package is stored, wherein the firmware update package contains individual files and associated first checksums, wherein the method runs through the following steps in the specified sequence: a restart (G), a subsequent booting of the computer system (H), and checking if an indicator file exists in the non-volatile memory module (I). The invention relates to a second method for updating firmware of the computer system, which is embedded in a technical device, wherein the method runs through the following steps in the specified sequence: a restart (G), a subsequent booting of the computer system (H), and a check as to whether an indicator file exists in the non-volatile memory module (I).

IPC 8 full level
G06F 9/445 (2006.01)

CPC (source: CN EP KR US)
B05B 5/0533 (2013.01 - EP); **B05B 5/1608** (2013.01 - EP); **B05B 5/1683** (2013.01 - EP); **G06F 8/654** (2018.01 - CN EP KR US);
H05K 3/1241 (2013.01 - EP); **H05K 2201/0257** (2013.01 - EP); **H05K 2203/105** (2013.01 - EP)

Citation (search report)
See references of WO 2016074663A1

Citation (examination)
US 2013185548 A1 20130718 - DJABAROV GUEORGUI [US], et al

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)
DE 102014116321 A1 20160512; CA 2967098 A1 20160519; CN 107003876 A 20170801; EP 3218804 A1 20170920;
JP 2017534136 A 20171116; KR 20170067826 A 20170616; RU 2017120292 A 20181213; US 2017242685 A1 20170824;
WO 2016074663 A1 20160519

DOCDB simple family (application)
DE 102014116321 A 20141110; CA 2967098 A 20151021; CN 201580061143 A 20151021; DE 2015100436 W 20151021;
EP 15801313 A 20151021; JP 2017543871 A 20151021; KR 20177012310 A 20151021; RU 2017120292 A 20151021;
US 201515517484 A 20151021