Title (en)
METHOD FOR PERFORMING A FIRMWARE UPDATE OF A LIGHTING TECHNOLOGY DEVICE

Title (de)
VERFAHREN ZUR DURCHFÜHRUNG EINER FIRMWARE-AKTUALISIERUNG EINER BELEUCHTUNGSTECHNISCHEN VORRICHTUNG

Title (fr)
PROCÉDÉ POUR EFFECTUER UNE MISE À JOUR DE MICROLOGICIEL D'UN DISPOSITIF DE TECHNOLOGIE D'ÉCLAIRAGE

Publication
EP 3855871 A1 20210728 (EN)

Application
EP 20153305 A 20200123

Priority
EP 20153305 A 20200123

Abstract (en)
The invention relates to a method (100) for performing a firmware update of a lighting technology device (300), comprising the steps of: supplying (101) firmware update data according to a firmware update protocol; transmitting (103) said firmware update data via a DALI bus (303) using the physical layer of a DALI signal; and receiving (105) said firmware update data at a DALI interface (305) of said lighting technology device (300); wherein the firmware update data is obtained directly by translating changes of the physical states, in particular phase changes of a square wave carrier signal, of the DALI signal into a binary code representing the firmware update data according to the firmware update protocol.

IPC 8 full level
H05B 47/18 (2020.01)

CPC (source: EP)
H05B 47/18 (2020.01)

Citation (applicant)
• WO 2006066884 A1 20060629 - TRIDONICATCO GMBH & CO KG [AT], et al
• WO 2012028541 A1 20120308 - TRIDONIC GMBH & CO KG [AT], et al

Citation (search report)
• [XY] EP 3166038 A1 20170510 - HELVAR OY AB [FI]
• [Y] TW 201123975 A 20110701 - UNIV ISHOU [TW]
• [A] US 2013249442 A1 20130926 - PIPER MARTIN JOHN [GB]

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CN117742754A; US2022132642A1; US11917741B2

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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

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