

Title (en)

POWERING BY A FIELDBUS DURING LOGIC LOW SIGNAL LEVEL

Title (de)

SPEISUNG DURCH EINEN FELDBUS WÄHREND EINES NIEDRIGEN PEGELS EINES LOGISCHEN SIGNALS

Title (fr)

ALIMENTATION À L'AIDE D'UN BUS DE TERRAIN PENDANT UN NIVEAU DE FAIBLE SIGNAL LOGIQUE

Publication

EP 4096366 A1 20221130 (EN)

Application

EP 21175610 A 20210525

Priority

EP 21175610 A 20210525

Abstract (en)

Disclosed is a lighting control device (4), comprising a transmitter unit (41) connectable to a field bus (6) and configured to conduct a wireline transmission of the lighting control device (4) on the field bus (6) by intermittently applying a logic low signal level to the field bus (6). The logic low signal level comprises a positive voltage. The lighting control device (4) is configured for power intake off the field bus (6) when the positive voltage is present on the field bus (6). This improves the energy supply capacity of networked devices of a field bus.

IPC 8 full level

H05B 47/18 (2020.01)

CPC (source: EP)

H05B 47/18 (2020.01); **H05B 47/183** (2024.01)

Citation (search report)

- [XY] WO 2020069980 A1 20200409 - SIGNIFY HOLDING BV [NL]
- [X] WO 2021043601 A1 20210311 - SIGNIFY HOLDING BV [NL]
- [Y] US 2020119947 A1 20200416 - ABBO ANTENEH ALEMU [NL], et al
- [Y] US 2015091383 A1 20150402 - SCHMUCKI DAVID [CH]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4096366 A1 20221130; WO 2022248256 A1 20221201

DOCDB simple family (application)

EP 21175610 A 20210525; EP 2022063083 W 20220513