

Title (en)
ELECTRONIC DEVICE

Title (de)
ELEKTRONISCHE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTRONIQUE

Publication
EP 4193126 A1 20230614 (DE)

Application
EP 20756811 A 20200810

Priority
• EP 2020072113 W 20200806
• EP 2020072425 W 20200810

Abstract (en)
[origin: WO2022028722A1] The invention relates to an evaluation device (100, 300, 400) for processing measurement data of a measuring device (313), comprising: at least one first two-wire interface (101, 102, 103, 301, 309, 310, 311, 411) designed for communication between the evaluation device (100, 300, 400) and the measuring device (313); at least one first communication unit (104, 105, 106, 107, 108, 109, 110, 111, 112) designed for providing communication with the measuring device (313) via the at least one first two-wire interface (101, 102, 103, 301, 309, 310, 311, 411) in a first communication mode (APL); at least one second communication unit (104, 105, 106, 107, 108, 109, 110, 111, 112) designed for providing communication with the measuring device (313) via the at least one first two-wire interface (101, 102, 103, 301, 309, 310, 311, 411) in a second communication mode, HART or 4...20 mA or 4...20 mA/HART combined; at least one first selection unit (116, 117, 118) designed for activating the first communication unit (104, 105, 106, 107, 108, 109, 110, 111, 112) or the second communication unit (104, 105, 106, 107, 108, 109, 110, 111, 112) in such a way that the evaluation device (100, 300, 400) communicates with the measuring device (313) via the at least one first two-wire interface (101, 102, 103, 301, 309, 310, 311, 411) in the first communication mode or in the second communication mode.

IPC 8 full level
G01D 21/00 (2006.01); **G08C 19/02** (2006.01)

CPC (source: EP US)
G01D 1/00 (2013.01 - US); **G01D 21/00** (2013.01 - EP); **G01D 21/02** (2013.01 - US); **G08C 19/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2022028722A1

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)
WO 2022028722 A1 20220210; CN 115917263 A 20230404; CN 116018500 A 20230425; EP 4193125 A1 20230614; EP 4193126 A1 20230614; US 2023274631 A1 20230831; US 2023314173 A1 20231005; WO 2022028701 A1 20220210

DOCDB simple family (application)
EP 2020072425 W 20200810; CN 202080102705 A 20200806; CN 202080104196 A 20200810; EP 2020072113 W 20200806; EP 20754700 A 20200806; EP 20756811 A 20200810; US 202018040396 A 20200806; US 202018040709 A 20200810