

Title (en)  
RETROFITTING MODULE FOR A FIELD DEVICE, AND FIELD DEVICE WITH A MODULAR DESIGN

Title (de)  
NACHRÜSTMODUL FÜR EIN FELDDGERÄT UND MODULAR AUFGEBAUTES FELDDGERÄT

Title (fr)  
MODULE DE RATTRAPAGE POUR UN DISPOSITIF DE TERRAIN, ET DISPOSITIF DE TERRAIN À CONCEPTION MODULAIRE

Publication  
**EP 4147096 A1 20230315 (DE)**

Application  
**EP 20724081 A 20200505**

Priority  
EP 2020062429 W 20200505

Abstract (en)  
[origin: WO2021223854A1] The invention relates to a retrofitting module for a process automation field device, comprising field device electronics with at least one communication interface. The invention is characterized in that the retrofitting module has a security module, wherein the security module cooperates with the field device electronics such that a specified IT security step is achieved.

IPC 8 full level  
**G05B 19/042** (2006.01)

CPC (source: EP US)  
**G05B 19/0428** (2013.01 - EP); **G06F 21/31** (2013.01 - EP); **G06F 21/70** (2013.01 - EP); **H05K 5/0208** (2013.01 - US); **H05K 5/0217** (2013.01 - US)

Citation (search report)  
See references of WO 2021223854A1

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 2021223854 A1 20211111**; CN 115485631 A 20221216; EP 4147096 A1 20230315; US 2023189459 A1 20230615

DOCDB simple family (application)  
**EP 2020062429 W 20200505**; CN 202080100375 A 20200505; EP 20724081 A 20200505; US 202017919685 A 20200505