

Title (en)
HYBRID POWER MODULE WITH FAULT DETECTION

Title (de)
HYBRIDES LEISTUNGSMODUL MIT FEHLERERKENNUNG

Title (fr)
MODULE DE D'ÉNERGIE HYBRIDE DOTÉ D'UNE DÉTECTION DE DÉFAILLANCE

Publication
EP 3042366 A4 20170412 (EN)

Application
EP 14841716 A 20140515

Priority
• CN 201310403715 A 20130906
• US 2014038203 W 20140515

Abstract (en)
[origin: WO2015034559A1] A wireless field device assembly comprises a process sensor, a housing, a power module, and a processor. The process sensor is configured to monitor a process variable and produce a sensor signal. The housing encloses an interior space of the wireless field device. The power module comprises an energy storage device and a connection to a local power source, and is configured to be housed in the wireless field device. The processor is located within the interior space, and is powered by the power module. The processor produces a fault signal value used to differentiate between energy storage device faults, local power source faults, and no-fault states.

IPC 8 full level
G01D 21/00 (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP)
G01D 21/00 (2013.01); **H04Q 9/00** (2013.01); **H04Q 2209/40** (2013.01); **H04Q 2209/886** (2013.01)

Citation (search report)
• [XP] US 2014088893 A1 20140327 - MCGUIRE CHAD MICHAEL [US], et al
• [A] US 2006092039 A1 20060504 - SAITO YOJI [JP], et al
• [A] WO 2008157391 A1 20081224 - FISHER CONTROLS INT [US], et al
• [A] US 2006116102 A1 20060601 - BROWN GREGORY C [US], et al
• [A] US 2012157018 A1 20120621 - ROBINSON CORY M [US], et al
• See references of WO 2015034559A1

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

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DOCDB simple family (application)
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