

Title (en)
SYSTEM OF DEVICES

Title (de)
SYSTEM AUS VORRICHTUNGEN

Title (fr)
SYSTÈME DE DISPOSITIFS

Publication
EP 3022987 A1 20160525 (EN)

Application
EP 14735562 A 20140703

Priority
• DE 202013103146 U 20130715
• EP 2014064130 W 20140703

Abstract (en)
[origin: WO2015007528A1] A system, having a control and/or monitoring apparatus (14) as master and devices (10) as slaves for being arranged along emergency routes or traffic routes, wherein, in a net-work chain, a first receiver (20) of a device (10) is connected to a first transmitter (22) of a predecessor through a differential signal line (32), and a second receiver (26) is connected to a second transmitter (28) of a successor through an other differential signal line (34), wherein a data packet, which is received by the first receiver (20) and is addressed to an other device (10), is forwarded to the successor; a data packet, which is received by the first receiver (20) and is addressed to the own device (10), is received; response data are output through the second transmitter (28); and response data from an other device (10), which are received by the second receiver (26), are forwarded through the second transmitter (28) to the predecessor.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
H04L 12/403 (2013.01 - EP); **H04L 43/0817** (2013.01 - EP US); **H04L 43/10** (2013.01 - EP); **H05B 45/00** (2020.01 - EP US);
H05B 47/18 (2020.01 - EP US)

Citation (search report)
See references of WO 2015007528A1

Citation (examination)
• DE 102008051631 A1 20090618 - TOSHIBA KK [JP]
• DE 102009046062 B3 20110414 - AIRBUS OPERATIONS GMBH [DE], et al
• DE 102005016596 A1 20061019 - BECKHOFF AUTOMATION GMBH [DE]
• US 4530085 A 19850716 - HAMADA TAKUJI [JP], et al
• DE 102008017533 C5 20110616 - RP TECHNIK E K [DE]

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

DOCDB simple family (publication)
DE 202013103146 U1 20141016; EP 3022987 A1 20160525; WO 2015007528 A1 20150122

DOCDB simple family (application)
DE 202013103146 U 20130715; EP 14735562 A 20140703; EP 2014064130 W 20140703