

Title (en)
RELAY HOUSE OR RELAY BOX CABINET WITH ETHERCAT SYSTEM

Title (de)
RELAISGEBÄUDE ODER RELAIKASTENSCHRANK MIT ETHERCAT-SYSTEM

Title (fr)
LOGEMENT OU ARMOIRE DE RELAIS DOTÉ D'UN SYSTÈME ETHERCAT

Publication
EP 3257718 A1 20171220 (EN)

Application
EP 17169357 A 20170503

Priority
NL 2016734 A 20160505

Abstract (en)
System or method of wired data transfer, under real-time conditions, from a large number of digital and/or analog sensors, to a central unit for processing and/or storing those data, such as a DPU or DAQD, the sources and the central unit are close to each other and form a system, inside a relay house or a relay box cabinet, which system is operatively associated with a railway. For example, a relay house or relay box cabinet with EtherCat system.

IPC 8 full level
B61L 19/06 (2006.01); **B61L 7/08** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)
B61L 7/08 (2013.01); **B61L 19/06** (2013.01); **B61L 27/70** (2022.01)

Citation (search report)

- [A] EP 2549620 A2 20130123 - SIEMENS SCHWEIZ AG [CH]
- [A] WO 2006051355 A1 20060518 - ABB AS [NO], et al
- [XP] EP 3109125 A1 20161228 - SIEMENS SCHWEIZ AG [CH]
- [X1] MICHIEL BLAAUBOER ET AL: "Reducing life Cycle costs of main line interlockings", SIGNAL + DRAHT, DVV, vol. 105, no. 11, 1 November 2013 (2013-11-01), pages 30 - 33, XP001584677, ISSN: 0037-4997
- [A] OLIVER FELLNER: "Effizienter Rangierbetrieb durch moderne, modular aufgebaute Rangierstellwerke", SIGNAL + DRAHT, DVV, vol. 105, no. 6, 1 June 2013 (2013-06-01), pages 20 - 24, XP001582322, ISSN: 0037-4997
- [A] SIEVERDING P ET AL: "Sicas ECC - die Plattform fuer Siemens-ESTWs fuer den Nahverkehr", SIGNAL + DRAHT, DVV, vol. 100, no. 5, 1 May 2008 (2008-05-01), pages 6 - 10, XP001512094, ISSN: 0037-4997

Cited by
EP3663162A1; US11539177B2; RU193176U1

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)
EP 3257718 A1 20171220; NL 2018835 A 20171110; NL 2018835 B1 20180214

DOCDB simple family (application)
EP 17169357 A 20170503; NL 2018835 A 20170502