

Title (en)  
COMMUNICATION CONTROL DEVICE AND FACILITY COMMUNICATION SYSTEM

Title (de)  
KOMMUNIKATIONSSTEUERUNGSVORRICHTUNG UND ANLAGENKOMMUNIKATIONSSYSTEM

Title (fr)  
DISPOSITIF DE COMMANDE DE COMMUNICATION ET SYSTÈME DE COMMUNICATION D'INSTALLATION

Publication  
**EP 3416150 A1 20181219 (EN)**

Application  
**EP 18176264 A 20180606**

Priority  
JP 2017115105 A 20170612

Abstract (en)  
To provide a communication control device which avoids interference of data of a first communication system in a transmission path through which data of a second communication system is being transmitted and improves convenience of a facility network as a whole under an environment that facility devices of various communication performances are present in a mixed state and a facility communication system is defined as a major issue. A communication control device which is equipped with a communication unit which makes communication possible by switching a first communication system or a second communication system of a time-division multiple-access system and a first communication detection term generation instruction unit which instructs to generate a detection term for use of a channel of the first communication system when communication is performed by the second communication system and in which the communication unit transmits a signal which includes the channel use detection term onto a transmission path on the basis of instructions to generate the channel use detection term from the first communication detection term generation instruction unit.

IPC 8 full level  
**G08C 15/06** (2006.01)

CPC (source: EP)  
**G08C 15/06** (2013.01)

Citation (applicant)

- JP 4958640 B2 20120620
- JP S5761432 B2 19821224

Citation (search report)

- [X] EP 2398191 A1 20111221 - MITSUBISHI ELECTRIC CORP [JP]
- [X] JP H10178493 A 19980630 - HITACHI BUILDING SYST CO LTD
- [X] JP 2008300940 A 20081211 - MITSUBISHI ELECTRIC CORP
- [A] EP 2900001 A1 20150729 - MITSUBISHI ELECTRIC CORP [JP]

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 3416150 A1 20181219**; JP 2019004216 A 20190110; JP 6976085 B2 20211201

DOCDB simple family (application)  
**EP 18176264 A 20180606**; JP 2017115105 A 20170612