

Title (en)
BUS-GUARDIAN OF A SUBSCRIBER OF A COMMUNICATION SYSTEM, AND SUBSCRIBER FOR A COMMUNICATION SYSTEM

Title (de)
BUS-GUARDIAN EINES TEILNEHMERS EINES KOMMUNIKATIONSSYSTEMS, SOWIE TEILNEHMER FÜR EIN KOMMUNIKATIONSSYSTEM

Title (fr)
UNITE DE SURVEILLANCE DE BUS D'UN ABONNE DE SYSTEME DE COMMUNICATION, ET ABONNE POUR UN SYSTEME DE COMMUNICATION

Publication
EP 1966695 A1 20080910 (DE)

Application
EP 06830568 A 20061212

Priority
• EP 2006069620 W 20061212
• DE 102005061392 A 20051222

Abstract (en)
[origin: DE102005061392A1] The unit has an interface e.g. serial peripheral interface (SPI) (18) for realizing a query response communication with a communication controller (6). The interface approves the access of the communication controller to a data bus only when the query response communication offers normal functioning of the communication controller. The bus guardian monitors whether a number of received, decoded and synchronization messages is large and/or same of quorum, within the communication. An independent claim is also included for a subscriber of a communication system including a data bus.

IPC 8 full level
G06F 11/07 (2006.01); **G06F 9/46** (2006.01); **H04L 12/40** (2006.01); **H04L 69/40** (2022.01)

CPC (source: EP US)
G06F 9/546 (2013.01 - EP US); **H04L 12/40026** (2013.01 - EP US); **H04L 12/4135** (2013.01 - EP US); **H04L 43/00** (2013.01 - EP US); **H04L 69/40** (2013.01 - EP US); **H04J 3/0685** (2013.01 - EP US); **H04L 2012/40241** (2013.01 - EP US)

Citation (search report)
See references of WO 2007074058A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102005061392 A1 20070628; CN 101346698 A 20090114; CN 101346698 B 20120321; EP 1966695 A1 20080910; US 2010229046 A1 20100909; WO 2007074058 A1 20070705

DOCDB simple family (application)
DE 102005061392 A 20051222; CN 200680048549 A 20061212; EP 06830568 A 20061212; EP 2006069620 W 20061212; US 8647206 A 20061212