

Title (en)
ELECTRONIC COMPONENT WITH DETERMINISTIC RESPONSE

Title (de)
ELEKTRONISCHES BAUTEIL MIT DETERMINISTISCHER REAKTION

Title (fr)
COMPOSANT ELECTRONIQUE A REPOSE DETERMINISTE

Publication
EP 3123330 A1 20170201 (FR)

Application
EP 15720436 A 20150326

Priority
• FR 1452723 A 20140328
• IB 2015052225 W 20150326

Abstract (en)
[origin: WO2015145382A1] The invention relates to an electronic component (1) with supervised communication modules. Said component comprises: - at least two communication modules (3, 4, 5) functioning in parallel; and - a microprocessor-free supervisor (2). Each communication module (3, 4, 5, 46) comprises a step (20) for interfacing with the supervisor (2), thus enabling the latter to use a data format common to all the modules (3, 4, 5). The supervisor (2) is configured to deterministically manage access to a database (6) on the basis of a configuration table (7) and requests to read from and/or write to the database (6), from the communication module (3, 4, 5).

IPC 8 full level
G06F 9/54 (2006.01)

CPC (source: EP US)
G06F 9/541 (2013.01 - EP US); **G06F 16/951** (2018.12 - EP US); **H04L 67/125** (2013.01 - US); **H04L 69/08** (2013.01 - US)

Citation (search report)
See references of WO 2015145382A1

Citation (examination)
• US 2012084400 A1 20120405 - ALMADI SOLOMAN M [SA], et al
• US 2004128673 A1 20040701 - FUCHS AXEL [US], et al

Cited by
CN107483476A

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 (publication)
WO 2015145382 A1 20151001; EP 3123330 A1 20170201; FR 3019340 A1 20151002; FR 3019340 B1 20160325; US 2017140046 A1 20170518

DOCDB simple family (application)
IB 2015052225 W 20150326; EP 15720436 A 20150326; FR 1452723 A 20140328; US 201515129891 A 20150326