

Title (en)

CONTROL NETWORK AND METHOD FOR PASSIVATING A CONTROL NETWORK

Title (de)

KONTROLL-NETZWERK UND VERFAHREN ZUR PASSIVIERUNG EINES KONTROLL-NETZWERKS

Title (fr)

RÉSEAU DE COMMANDE ET PROCÉDÉ DE PASSIVATION D'UN RÉSEAU DE COMMANDE

Publication

**EP 2758214 A1 20140730 (DE)**

Application

**EP 12783082 A 20120723**

Priority

- DE 102011114116 A 20110925
- DE 2012000739 W 20120723

Abstract (en)

[origin: WO2013041069A1] The invention relates to a control network comprising a master system (101) and a slave system (102) connected to the master system (101) via a bidirectional communication channel (103), wherein a first passivity controller (104) is connected between the master system (101) and the communication channel (103) and a second passivity controller (105) is connected between the communication channel (103) and the slave system (102). The communication channel (103) has time-variable transmission delays. The control network according to the invention avoids causality ambiguities and thereby enables the control network to be passivated in widely different network architectures.

IPC 8 full level

**B25J 9/16** (2006.01); **G05B 13/02** (2006.01); **G06F 3/01** (2006.01)

CPC (source: EP)

**B25J 9/1628** (2013.01); **B25J 9/1689** (2013.01); **G05B 13/021** (2013.01); **G06F 3/016** (2013.01)

Citation (search report)

See references of WO 2013041069A1

Citation (examination)

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CN107463095A

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

DOCDB simple family (publication)

**DE 102011114116 A1 20130328; DE 102011114116 B4 20140528; EP 2758214 A1 20140730; KR 101991379 B1 20190621; KR 20140081845 A 20140701; WO 2013041069 A1 20130328**

DOCDB simple family (application)

**DE 102011114116 A 20110925; DE 2012000739 W 20120723; EP 12783082 A 20120723; KR 20147011260 A 20120723**