

Title (en)

ROBOT SYSTEM AND BELONGING CONTROL METHOD

Title (de)

ROBOTERSYSTEM UND ZUGEHÖRIGES STEUERVERFAHREN

Title (fr)

SYSTÈME DE ROBOT ET PROCÉDÉ DE COMMANDE LUI APPARTENANT

Publication

**EP 2445685 A1 20120502 (EN)**

Application

**EP 09776833 A 20090625**

Priority

EP 2009004576 W 20090625

Abstract (en)

[origin: WO2010149185A1] The invention is related to a robot system (10) comprising at least two robots (12, 14, 16) for pick and place applications of small workpieces (20) and comprising a related processing unit (22, 24, 26) each, whereas the processing units (22, 24, 26) are connected to a network bus for data transmission (28). At least two of the aforementioned processing units (22, 24) are alternately capable to perform in addition a coordination functionality as a master device (22) whereas at least the one remaining other processing unit (24) is capable to immediately overtake coordination functionality as a backup master device in case of a malfunction of the actual master device (22). The invention is also related to a belonging control method.

IPC 8 full level

**B25J 9/16** (2006.01)

CPC (source: EP)

**B25J 9/1602** (2013.01); **B25J 9/1682** (2013.01); **G05B 2219/33334** (2013.01); **G05B 2219/33339** (2013.01); **G05B 2219/33341** (2013.01); **G05B 2219/39102** (2013.01); **G05B 2219/39117** (2013.01); **G05B 2219/45063** (2013.01)

Citation (search report)

See references of WO 2010149185A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

**WO 2010149185 A1 20101229**; CN 102648074 A 20120822; CN 102648074 B 20151125; EP 2445685 A1 20120502

DOCDB simple family (application)

**EP 2009004576 W 20090625**; CN 200980161125 A 20090625; EP 09776833 A 20090625