

Title (en)

METHOD AND CONTROL DEVICE FOR GUIDING AN AGRICULTURAL MACHINE

Title (de)

VERFAHREN UND STEUERGERÄT ZUM FÜHREN EINER LANDMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE POUR GUIDER UNE MACHINE AGRICOLE

Publication

EP 2788830 A1 20141015 (DE)

Application

EP 12778675 A 20121009

Priority

- DE 102011120886 A 20111209
- EP 2012069917 W 20121009

Abstract (en)

[origin: WO2013083311A1] The present invention relates to a method (700) and a device (104) for guiding an agricultural machine (104). The method (700) comprises a detection step (702), a determination step (704), a step of reading in (706) and a definition step (708). In the detection step (702), a reference trajectory (102a) of the agricultural machine (104) is detected while the agricultural machine (104) is moved on a reference track (108). In the determination step (704), a distance (110) of the agricultural machine (104) from the reference trajectory (102a) is detected after a turning maneuver of the agricultural machine (104) in order to obtain a distance information. In the step of reading in (706), an altered distance value input by a user of the agricultural machine (104) is read in, representing an altered distance (112) of the agricultural machine (104) from the reference trajectory (102a). In the provision step (708), a control signal for guiding the agricultural machine (104) on a guide track is provided, the guide track running at the altered distance (112) from the reference trajectory (102a).

IPC 8 full level

G05D 1/02 (2006.01); **A01B 69/00** (2006.01)

CPC (source: EP)

A01B 69/008 (2013.01); **G05D 1/0219** (2024.01); **G05D 1/027** (2024.01); **G05D 1/0272** (2024.01); **G05D 1/0278** (2024.01)

Citation (search report)

See references of WO 2013083311A1

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)

WO 2013083311 A1 20130613; DE 102011120886 A1 20130613; EP 2788830 A1 20141015

DOCDB simple family (application)

EP 2012069917 W 20121009; DE 102011120886 A 20111209; EP 12778675 A 20121009