

Title (en)

DETECTING UNTRAVERSABLE SOIL FOR FARMING MACHINE AND PREVENTING DAMAGE BY FARMING MACHINE

Title (de)

ERKENNUNG VON NICHT-ÜBERFAHRBAREM BODEN FÜR LANDWIRTSCHAFTLICHE MASCHINE UND VERHINDERUNG VON SCHÄDEN DURCH LANDWIRTSCHAFTLICHE MASCHINE

Title (fr)

DÉTECTION DE SOL NON FRANCHISSABLE POUR ENGIN AGRICOLE ET PRÉVENTION DE DOMMAGES PAR UN ENGIN AGRICOLE

Publication

EP 4319539 A1 20240214 (EN)

Application

EP 22853778 A 20220801

Priority

- US 202117396170 A 20210806
- US 202117396193 A 20210806
- US 2022039085 W 20220801

Abstract (en)

[origin: WO2023014669A1] A farming machine moves through a field and performs one or more farming actions (e.g., treating one or more plants) in the field. Portions of the field may include moisture, such as puddles or mud patches. A control system associated with the farming machine may include a traversability model and/or a moisture model to help the farming machine operate in the field with the moisture. In particular, the control system may employ the traversability model to reduce the likelihood of the farming machine attempting to traverse an untraversable portion of the field, and the control system may employ the moisture model to reduce the likelihood of the farming machine performing an action that will damage a portion of the field.

IPC 8 full level

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CPC (source: EP)

A01M 7/0089 (2013.01)

Citation (search report)

See references of WO 2023014669A1

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