

Title (en)

METHOD AND INFORMATION SYSTEM FOR DETECTING AT LEAST ONE PLANT PLANTED ON A FIELD

Title (de)

VERFAHREN UND INFORMATIONSSYSTEM ZUM ERKENNEN ZUMINDEST EINER AUF EINEM FELD ANGEPLANZTEN PFLANZE

Title (fr)

PROCÉDÉ ET SYSTÈME D'INFORMATION POUR DÉTECTER AU MOINS UNE PLANTE PLANTÉE DANS UN CHAMP

Publication

EP 3369037 A1 20180905 (DE)

Application

EP 16785383 A 20161007

Priority

- DE 102015221085 A 20151028
- EP 2016073939 W 20161007

Abstract (en)

[origin: WO2017071928A1] The invention relates to a method (300) for detecting at least one plant (110a, 110b) planted on a field (105). The method (300) has a step (310) of detecting a plant (110a, 110b) using an optical and/or infrared detection unit (120, 125, 130) in order to obtain plant image information (140) and detecting position information (160) which represents a geographical position where the plant (110a, 110b) is growing in the field (105). The method (300) further has a step (320) of identifying the plant (110a, 110b) using the plant image information (140) in order to obtain plant information (145) which represents the presence of the plant (110a, 110b). The method (300) finally has a step (330) of storing (330) the plant information (145) and the geographical position in a plant data set (165) in order to detect the plant (110a, 110b) planted on the field (105).

IPC 8 full level

G06V 10/143 (2022.01); **G06V 10/25** (2022.01)

CPC (source: EP US)

G06T 7/0002 (2013.01 - US); **G06T 7/70** (2016.12 - US); **G06T 7/90** (2016.12 - US); **G06V 10/143** (2022.01 - EP US); **G06V 10/25** (2022.01 - EP US); **G06V 20/188** (2022.01 - EP US); **G06V 20/56** (2022.01 - US); **G06T 2207/10024** (2013.01 - US); **G06T 2207/10048** (2013.01 - US); **G06T 2207/30188** (2013.01 - US); **G06T 2207/30242** (2013.01 - US)

Citation (search report)

See references of WO 2017071928A1

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