

Title (en)
METHOD FOR TREATING PLANTS

Title (de)
VERFAHREN ZUR BEHANDLUNG VON PFLANZEN

Title (fr)
PROCÉDÉ DE TRAITEMENT DE PLANTES

Publication
EP 4210485 A1 20230719 (DE)

Application
EP 21773502 A 20210903

Priority
• DE 102020123425 A 20200908
• DE 102021114692 A 20210608
• EP 2021074374 W 20210903

Abstract (en)
[origin: CA3194076A1] The invention relates to a method for treating plants (40), having the steps: (S100) connecting a first, in particular substantially stationarily arranged applicator (21a, 21d), which has a first polarity (P1), a second, in particular substantially stationarily arranged applicator (21b, 21e), which has a second polarity (P2), and a third, in particular substantially stationarily arranged applicator (21c, 21f), which has the first polarity (P1), of at least one applicator unit (2a, 2b) to a controlled constant-power source (3), (S200) bringing the first applicator (21a, 21d) and the second applicator (21b, 21e) into contact with a plant stem (43) and/or leaves (41) of a plant (40), and the second applicator (21b, 21e) and the third applicator (21c, 21f) into contact with the plant stem (43) and/or the leaves (41) of the plant (40), in succession and/or at the same time, in particular without the applicators making contact with the ground, (S300) applying electrical direct current to the contacted plant stem (43) and/or the leaves (41) of the plant (40), and (S400) maintaining a substantially constant electrical power by means of the controlled constant-power source (3).

IPC 8 full level
A01M 21/04 (2006.01)

CPC (source: EP US)
A01G 7/04 (2013.01 - US); **A01M 21/046** (2013.01 - EP)

Citation (search report)
See references of WO 2022053402A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021114692 A1 20220310; **DE 102021114692 B4 20240606**; AU 2021338955 A1 20230323; CA 3194076 A1 20220317; EP 4210485 A1 20230719; US 2023329153 A1 20231019; WO 2022053402 A1 20220317

DOCDB simple family (application)
DE 102021114692 A 20210608; AU 2021338955 A 20210903; CA 3194076 A 20210903; EP 2021074374 W 20210903; EP 21773502 A 20210903; US 202118024915 A 20210903