

Title (en)

SYSTEM FOR TREATING PLANTS ESPECIALLY IN AGRICULTURE

Title (de)

SYSTEM ZUR BEHANDLUNG VON PFLANZEN, INSBESONDERE IN DER LANDWIRTSCHAFT

Title (fr)

SYSTÈME DE TRAITEMENT DE PLANTES NOTAMMENT EN AGRICULTURE

Publication

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Application

EP 22717257 A 20220322

Priority

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Abstract (en)

[origin: WO2022201016A1] Disclosed is a plant treatment system that includes a spray boom (10, 100) provided with a plurality of spray nozzles (110a, 110b) distributed over the boom (10, 100) and supplied by a spray controller (120), an image capture system comprising at least one camera (210) capable of taking images of a zone to be treated, and a digital processing device (220) capable of analyzing the images taken by said camera or cameras (210), identifying plants to be treated and applying instructions to the spray control device with a view to spraying at least one product onto plants to be treated. According to the invention, the spray nozzles (110a, 110b) and the spray control device (120) are configured to apply a generally uniform dose of a product to the zone to be treated, independently of the identification of plants to be treated in the images, and to apply locally a complementary dose of a product to plants to be treated identified by the digital processing device. The invention is intended to be used in particular in agriculture or in the treatment of non-cultivated spaces.

IPC 8 full level

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Citation (search report)

See references of WO 2022201016A1

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