Title (en)

AN AUTONOMOUS ROBOTIC LAWN MOWER AND A METHOD FOR ESTABLISHING A WIRELESS COMMUNICATION LINK BETWEEN THE LAWN MOWER AND A USER

Title (de)

AUTONOMER ROBOTERRASENMÄHER UND VERFAHREN ZUR HERSTELLUNG EINER DRAHTLOSEN KOMMUNIKATIONSVERBINDUNG ZWISCHEN DEM RASENMÄHER UND EINEM BENUTZER

Title (fr)

TONDEUSE À GAZON ROBOTIQUE AUTONOME ET PROCÉDÉ POUR ÉTABLIR UNE LIAISON DE COMMUNICATION SANS FIL ENTRE LA TONDEUSE À GAZON ET UN UTILISATEUR

Publication

EP 2369908 A1 20111005 (EN)

Application

EP 08879300 A 20081230

Priority

SE 2008051577 W 20081230

Abstract (en)

[origin: WO2010077198A1] An autonomous robotic lawn mower (1), which lawn mower (1) is electrically powered and arranged for mowing the lawn within a predetermined working area (13), which working area (13) is defined by a physical fence or a boundary wire (14), which boundary wire (14) sends electrical signals. The lawn mower (1) is arranged with at least one sensor (11) for sensing the physical fence and thereby defining the working area (13) or at least one sensor (8) for sensing the electrical signals, and thereby defining the working area (13). The lawn mower (1) has a control unit (CPU) (22) and a wireless communication unit (23) connected to the control unit (22), the wireless communication unit (23) being arranged for communication with a cellular communication network (19). The application also includes a method for establishing a wireless communication link between the lawn mower and a user.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN109946646A; US2017094897A1; US10091930B2; US10390483B2; US10698417B2; US11687093B2

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