

Title (en)
ELECTRONICALLY CONTROLLED SPRAY FOR AGRICULTURE AND/OR GARDENING

Title (de)
ELEKTRONISCH GESTEUERTER ZERSTÄUBER FÜR LANDWIRTSCHAFT ODER GARTENBAU

Title (fr)
PULVERISATEUR POUR AGRICULTURE ET/OU JARDINAGE COMMANDE ELECTRONIQUEMENT

Publication
EP 0941770 A1 19990915 (EN)

Application
EP 97942041 A 19971002

Priority
ES 9700241 W 19971002

Abstract (en)
A line (2) emerges from a rucksack tank (1) for the liquid towards a lance (3) ending in the corresponding spraying nozzle (4). A valve mechanism actuated by means of a lever (6) is mounted at the base (5) of the lance wherein is also situated an electronic control card (10) which governs an electronic plate (8) to control the operation of the electropump (7). The card (10) has a Reed relay (12) actuated by means of a permanent magnet (16) when the lever (6) is pivoted in order to send the operation signal to the electropump; said signal is controlled by two potentiometers (13 and 14), one which controls the operating voltage of the electropump (7) and consequently the pressure generated by said pump and the other potentiometer which acts on a timer so that the electropump can operate continuously at the selected pressure or intermittently at selected pressure and time periods. <IMAGE>

IPC 1-7
B05B 9/08; **B05B 12/00**

IPC 8 full level
B05B 9/08 (2006.01); **B05B 12/00** (2006.01)

CPC (source: EP)
B05B 9/0861 (2013.01)

Citation (search report)
See references of WO 9917887A1

Cited by
ES2385968A1; EP1034844A3; IT201800003372A1

Designated contracting state (EPC)
ES FR IT

DOCDB simple family (publication)
EP 0941770 A1 19990915; **EP 0941770 B1 20030129**; ES 2191198 T3 20030901; WO 9917887 A1 19990415

DOCDB simple family (application)
EP 97942041 A 19971002; ES 9700241 W 19971002; ES 97942041 T 19971002