Title (en)

AGRICULTURAL AND HORTICULTURAL SPRAYING SYSTEMS

Title (de)

LANDWIRTSCHAFTLICHE UND GARTENBAULICHE SPRÜHSYSTEME

Title (fr)

SYSTEMES DE PULVERISATION A FINS AGRICOLES OU HORTICOLES

Publication

EP 1001674 A1 20000524 (EN)

Application

EP 99955405 A 19990607

Priority

- GB 9901651 W 19990607
- GB 9811980 A 19980605
- GB 9826865 A 19981208

Abstract (en)

[origin: WO9963809A1] Method and apparatus for agricultural or horticultural spraying is based upon the cartridge system disclosed in GB 2304060A in which the concentrate medium is dispensed by a plunger into a flow of extender medium or dilutant at a rate controlled by a constant speed drive to the piston. This system is modified by eliminating the need for a supply of cartridges of differing cross-sectional sizes (to provide differing rates of application of medium to the crop) by using the cartridge/plunger assembly as a volumetric control means for at least one step in a preliminary or primary dilution or extension step in which the concentrate as supplied by the manufacturer is partially diluted or extended so that when the main dilution or extension step occurs, the required final concentration will be achieved.

IPC 1-7

A01M 7/00

IPC 8 full level

A01M 7/00 (2006.01)

CPC (source: EP)

A01M 7/0092 (2013.01)

Citation (search report)

See references of WO 9963809A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GR IE IT LI NL PT

DOCDB simple family (publication)

WO 9963809 A1 19991216; AU 4272899 A 19991230; CA 2298591 A1 19991216; CN 1272763 A 20001108; EP 1001674 A1 20000524; GB 0000714 D0 20000308; GB 2342556 A 20000419; GB 2342556 B 20030115

DOCDB simple family (application)

GB 9901651 W 19990607; AU 4272899 A 19990607; CA 2298591 A 19990607; CN 99800896 A 19990607; EP 99955405 A 19990607; GB 0000714 A 19990607