

Title (en)
A SPRAYER BOOM

Title (de)
SPRÜHBALKEN

Title (fr)
RAMPE DE PULVERISATEUR

Publication
EP 1148780 A1 20011031 (EN)

Application
EP 00900213 A 20000105

Priority
• DK 0000004 W 20000105
• DK PA199900006 A 19990105

Abstract (en)
[origin: WO0042840A1] A sprayer boom (1) used for sending an atomised flow of liquid crop protecting agent by means of a pump from a storage container (5) over a crop (11) via a number of liquid jets (9) distributed along the boom (1). The boom (1) furthermore includes a blower (7) for, via a number of air orifices in a flexible hose (6) extending along the boom, sending out an airflow for protecting the atomised liquid against wind drifting. A nozzle (8) is fitted around each of the air orifices of the flexible hose. Thereby, the boom (1) is in operation able to create an optimally effective air curtain. Another advantage is that the exhaust ports of the flexible air hose (6) can be adapted to a given task quickly and easily.

IPC 1-7
A01M 7/00

IPC 8 full level
A01M 7/00 (2006.01); **B05B 7/08** (2006.01)

CPC (source: EP)
A01M 7/0014 (2013.01); **A01M 7/006** (2013.01); **A01M 7/0064** (2013.01); **B05B 7/0884** (2013.01)

Citation (search report)
See references of WO 0042840A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0042840 A1 20000727; AU 1965300 A 20000807; EP 1148780 A1 20011031

DOCDB simple family (application)
DK 0000004 W 20000105; AU 1965300 A 20000105; EP 00900213 A 20000105