

Title (en)
AGRICULTURAL SPRAYING DEVICE

Title (de)
LANDWIRTSCHAFTLICHE SPRITZVORRICHTUNG

Title (fr)
DISPOSITIF DE PULVÉRISATION AGRICOLE

Publication
EP 3706569 A1 20200916 (DE)

Application
EP 18803553 A 20181025

Priority
• DE 102017220016 A 20171110
• EP 2018079297 W 20181025

Abstract (en)
[origin: WO2019091793A1] The invention relates to a spraying device (10) for discharging spraying agents (36), particularly for agricultural purposes, comprising at least one static mixing unit (20) for mixing at least one supplied active agent (18) with a supplied liquid (14), particularly a carrier liquid (14), in order to form at least one spraying agent (36); and spray nozzles (46) to which the at least one spraying agent (36) can be supplied from said at least one static mixing unit (20) via a spraying agent line (38). According to the invention, a buffer tank (40) for the at least one spraying agent (36) is provided and is disposed in the spraying agent line (38), downstream of said static mixing unit (20).

IPC 8 full level
A01M 7/00 (2006.01)

CPC (source: EP)
A01M 7/0089 (2013.01)

Citation (search report)
See references of WO 2019091793A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019091793 A1 20190516; DE 102017220016 A1 20190516; EP 3706569 A1 20200916

DOCDB simple family (application)
EP 2018079297 W 20181025; DE 102017220016 A 20171110; EP 18803553 A 20181025