

Title (en)

ELECTROSTATIC SPUTTERING OR SPRAYING OF ELECTRICALLY CONDUCTIVE FLUIDS, E.G. PLANT TREATING AGENTS

Publication

**EP 0125589 B1 19860813 (DE)**

Application

**EP 84105100 A 19840505**

Priority

DE 3317650 A 19830514

Abstract (en)

[origin: EP0125589A1] 1. Apparatus for safely applying drops, via a spraying system, such as a spray nozzle, an atomizing nozzle or a rotary atomizer, from a volume of liquid which is charged by means of one or more high-voltage generators, wherein a) the entire volume of liquid under high voltage is contained within a tank (1) and one or more lines (8), both tank and lines being made of a highly electrically insulating material, and b) the tank (1) made of a highly electrically insulating material and the lines (8) are surrounded externally by a conductive or non-chargeable, earthed covering (3) which prevents electrical forces acting on persons or near-by components of the equipment.

IPC 1-7

**B05B 5/02**; **B05D 1/04**; **A01M 7/00**

IPC 8 full level

**A01M 7/00** (2006.01); **B05B 5/04** (2006.01); **B05B 5/16** (2006.01); **B05D 1/04** (2006.01)

CPC (source: EP)

**B05B 5/0403** (2013.01); **B05B 5/0418** (2013.01); **B05B 5/1608** (2013.01); **B05B 5/1625** (2013.01)

Cited by

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DOCDB simple family (publication)

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