

Title (en)

Distribution nozzle and method for wetting a predetermined zone using such a nozzle

Title (de)

Verteildüse, sowie Verfahren zur Benetzung eines vorgebbaren Bereichs mit einer solchen Verteildüse

Title (fr)

Buse de distribution et procédé de mouillage d'une zone prédéterminée au moyen d'une telle buse

Publication

EP 1522347 B1 20070711 (DE)

Application

EP 04405587 A 20040917

Priority

- EP 04405587 A 20040917
- EP 03405723 A 20031008

Abstract (en)

[origin: EP1522346A1] Nozzle (1) comprises spray openings (7) arranged about a central axis (M) of a diffusion element (4) so that an angle of the spray jets (8) varies depending on a polar angle measured around the central axis in the operating state. An independent claim is also included for a process for wetting a defined region around the nozzle with a fluid. Preferred Features: The angle of the spray jets varies depending on the distance to the central axis. The spray openings are arranged in concentric circles having predetermined radii at a distance around the central axis. The diffusion element has a concave curved cross-section.

IPC 8 full level

B05B 1/18 (2006.01); **F28F 25/06** (2006.01)

CPC (source: EP)

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Cited by

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