

Title (en)

Method and device for spraying liquids

Title (de)

Verfahren und Vorrichtung zum Zerstäuben von Flüssigkeiten

Title (fr)

Procédé et dispositif de pulvérisation de liquides

Publication

EP 1186348 B1 20050105 (DE)

Application

EP 01121120 A 20010903

Priority

- EP 01121120 A 20010903
- EP 00810800 A 20000905

Abstract (en)

[origin: EP1186347A1] The device for atomizing fluids contains a rotatable hollow cylinder for accommodation of fluid to be atomized and a drive for rotating the cylinder. The cylinder is closed by a base at its lower side and has an opening at its upper side. The wall of the cylinder has a number of round hole nozzles for emission of fluid to be atomized. An inlet tube (31) is rotatable with the cylinder (21) and through it fluid is fed into the cylinder. An inlet (32) of the inlet tube is connected with the opening (25) of the hollow cylinder and thereby with a source for the fluid to be atomized. An outlet (33) of the inlet tube is arranged in the end area near the base of the hollow cylinder. The inlet tube is so arranged that its longitudinal axis (34) coincides with the rotation axis (27) of the hollow cylinder. It extends along the rotation axis of the hollow cylinder and its outlet faces the inside of the wall (26) of the cylinder.

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IPC 8 full level

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EP 1186347 A1 20020313; AT E286433 T1 20050115; AU 6559401 A 20020307; AU 782291 B2 20050714; BR 0103891 A 20020423; CA 2356430 A1 20020305; CN 1180889 C 20041222; CN 1345634 A 20020424; DE 50105013 D1 20050210; DK 1186348 T3 20050517; EP 1186348 A1 20020313; EP 1186348 B1 20050105; ES 2233538 T3 20050616; JP 2002143725 A 20020521; JP 4989827 B2 20120801; KR 100759651 B1 20070917; KR 20020019402 A 20020312; MX PA01008943 A 20050905; NO 20014302 D0 20010904; NO 20014302 L 20020306; TW 527223 B 20030411; US 2002043571 A1 20020418; US 6651898 B2 20031125

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