

Title (en)
Device for the preservation of hollow cavities

Title (de)
Vorrichtung zur Hohlraumkonservierung und Vorzerstäuber

Title (fr)
Dispositif pour la préservation des espaces creux

Publication
EP 1477231 B1 20080709 (DE)

Application
EP 04011308 A 20040512

Priority
DE 10322170 A 20030516

Abstract (en)
[origin: EP1477231A2] Liquid wax passes through an inlet valve (1) leading to a line (2) connected to a pressure regulator (3). The wax then passes through a flow measurement device (4) to a pre-atomization system (14) mixing liquid wax with air under pressure. The air enters via an inlet valve (6) leading to a line (5) connected to filters (7,8), a pressure measurement device (9) and a control valve system (22) with three 5/2-way valves (15,17,21) and two pressure regulators (16,18). The size of the droplets of wax produced by the pre-atomization system may be controlled. The wax mist may be fed through a valve (20), which admits extra air (11), to the spray lance (19).

IPC 8 full level
B05B 7/00 (2006.01); **B05B 7/26** (2006.01); **B05B 12/00** (2006.01); **B05B 13/06** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)
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DOCDB simple family (publication)
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