

Title (en)

Painting installation for coatings with high solids content

Title (de)

Lackieranlage für Lacke mit hohem Feststoffgehalt

Title (fr)

Installation de peinture pour des peintures à haute teneur en matières solides

Publication

EP 1369181 A1 20031210 (EN)

Application

EP 02012568 A 20020605

Priority

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Abstract (en)

A paint installation for the use of paints with high solids content comprises a spray gun 1, at least one paint conduit 7 and one pressurized air conduit 6 leading to the spray gun 1, at least one heat exchanger 2, preheating the paint and the pressurized air. The heat exchanger is connected to a source of preheated air located outside the paint booth. The preheated air flows around the paint coils 24, 25 and said pressurized air coil 26. At least one temperature sensor controls the entry and/or exit temperature of paint and/or hot air. The output of the temperature sensor is sent to a PLC, which is regulating the supply of heat exchange medium. The invention is preferably applied in continuously operating closed automatic paint installations. <IMAGE>

IPC 1-7

B05B 7/16; **B05B 12/10**

IPC 8 full level

B05B 7/16 (2006.01); **B05B 12/10** (2006.01)

CPC (source: EP)

B05B 7/1653 (2013.01); **B05B 12/10** (2013.01)

Citation (applicant)

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