

Title (en)
Application of a pulverizable substance

Title (de)
Auftragen einer zerstäubbaren Substanz

Title (fr)
Application d'une substance pulvérisable

Publication
EP 0541492 B1 19960124 (DE)

Application
EP 92810858 A 19921105

Priority
CH 324791 A 19911107

Abstract (en)
[origin: EP0541492A1] A flowable, atomisable substance (74), in particular a paint, a varnish or a glue, is applied onto a substrate by at least one manual or automatic spray pistol (12) using a gaseous, heated pressure medium. This medium, usually compressed air, is heated at or in the spray pistol (12). In this case, a heating cartridge (14) is used through which the pressure medium is passed at least twice in counter-current. It is initially preheated and then brought to an adjustable temperature. The apparatus for carrying out this process includes, in addition to the spray pistol(s) (12), a supply line (70) each for the atomisable substance (74) and the gaseous heated pressure medium and a regulatable spray nozzle (72). The feed line (22,28) of the pressure medium includes a unit (10) for preconditioning without heating and a downstream exchangeable heating cartridge (14) adapted on the spray pistol (12) or integrated in the pistol grip. <IMAGE>

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B05B 7/16

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