

Title (en)
COATING METHOD FOR METAL TANKS WITH COIL-WOUND HEAT EXCHANGER

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON METALLBEHÄLTERN MIT SPULENGEWICKELTEM WÄRMETAUSCHER

Title (fr)
PROCÉDÉ DE REVÊTEMENT POUR RÉSERVOIRS MÉTALLIQUES AVEC ÉCHANGEUR DE CHALEUR À BOBINE

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Application
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Abstract (en)
The object of the present invention is an electrostatic powder coating method for metal tanks (1) internally provided with a coil-wound heat exchanger (5). The method provides for an application step of the powder during which the powder dispensing lance runs exclusively through a stretch (H1) just sufficient to deposit powder on the entire surface of said coil (5) optionally followed by further steps in which said powder dispensing lance operates in stretches (H2, H3) different from the stretches (H1, H2) run through in previous steps.

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Citation (search report)

- [XA] DE 19515425 A1 19951102 - VAILLANT JOH GMBH & CO [DE]
- [A] US 3207358 A 19650921 - FLISS CARL T
- [A] DE 202011051419 U1 20130108 - FRAUENTHAL DEUTSCHLAND GMBH [DE]
- [A] DE 1812031 A1 19700618 - WOELLHAF FRANZ

Cited by
EP3839099A4

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