

Title (en)
Coating apparatus for a conductive wire

Title (de)
Beschichtungsvorrichtung für einen leitfähigen Draht

Title (fr)
Dispositif de revêtement d'un fil conducteur

Publication
EP 1357343 B1 20060802 (FR)

Application
EP 03300007 A 20030423

Priority
FR 0205817 A 20020426

Abstract (en)
[origin: EP1357343A1] The assembly (100) with a varnish applicator (1) to shroud a conductor wire has a kiln (2), with a chamber (4) as a passage for the wire (3) to pass through to be coated with a varnish. A heating system acts on the wire in the chamber, between the entry (5) and the exit (6), to evaporate the varnish solvents and bake the deposited varnish. The chamber atmosphere is low in oxygen, with an air feed (11) through an oxygen monitor (10). The chamber fan (13) and the air feed are spaced apart at the chamber, with the fan located between the solvent evaporation zone (B) and the air feed, to carry evaporated solvents towards the air feed to be consumed by combustion outside the varnish baking zone (A).

IPC 8 full level
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