

Title (en)

Method for repairing a defective coating on a coated metal substrate.

Title (de)

Verfahren zum Reparieren von defekten Beschichtungen auf einem metallischen Substrat.

Title (fr)

Méthode pour réparer un revêtement défectueux sur un substrat métallique.

Publication

EP 0566958 A1 19931027 (EN)

Application

EP 93105974 A 19930413

Priority

US 87225492 A 19920422

Abstract (en)

A method and process of repairing a defective coating which has been applied to a metal substrate. The process disclosed provides a means for repairing the defective coating after an article has been made from the metal material. The process includes the step of analyzing the article to determine the particular defect encountered, determining whether it is necessary to add additional coating. If necessary, additional coating is applied. The coated article is rapidly heated in an induction coil heating system to cause the existing coating to become at least partially fluid. When the coating is fluid, it will flow into areas on the article which were previously uncoated or were damaged and solvents which were previously not vaporized and solvents in newly applied coating will be vaporized to dry and cure both the existing coating and any newly applied coating. The article is then cooled to a temperature suitable for handling.

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- [X] BE 440862 A
- [Y] BE 453738 A

Cited by

CN114394368A; GB2305376A; GB2305376B; US5922399A; WO0054894A1

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