

Title (en)

Metallic coating and method to obtain the coating

Title (de)

Metallbeschichtung und Verfahren zum Erhalt der Beschichtung

Title (fr)

Revêtement métallique et procédé pour l'obtenir

Publication

**EP 2182089 A1 20100505 (EN)**

Application

**EP 08167819 A 20081029**

Priority

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Abstract (en)

The invention relates to a method for plating (electroplating or electroless plating) a metallic film coating onto a substrate, whereby the coating comprises fluorine containing particles, embedded in a metal matrix and distributed in a gradient throughout the thickness of the coating. The method comprises the steps of preparing a plating liquid and dispersing the fluorine containing particles therein, and subjecting the substrate to plating in a plating bath under ultrasonic agitation, with the proviso that the power of ultrasonic agitation in the bath is changed during plating. The invention also relates to a product with a wear resistant and smooth surface, provided by a metallic coating obtained by the method, and in particular to a laundry iron with an improved soleplate.

IPC 8 full level

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Citation (applicant)

US 6138389 A 20001031 - KANAZAWA NARUTOSHI [JP], et al

Citation (search report)

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