

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

EP 08167819 A 20081029

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

C23C 18/16 (2006.01); **C25D 5/20** (2006.01); **C25D 15/02** (2006.01); **C25D 21/10** (2006.01); **D06F 75/38** (2006.01)

CPC (source: EP US)

C23C 18/1662 (2013.01 - EP); **C23C 18/1669** (2013.01 - EP); **C25D 5/20** (2013.01 - EP US); **C25D 5/611** (2020.08 - EP US); **C25D 15/02** (2013.01 - EP US); **C25D 21/10** (2013.01 - EP); **D06F 75/38** (2013.01 - EP)

Citation (applicant)

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

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2182089 A1 20100505

DOCDB simple family (application)

EP 08167819 A 20081029