

Title (en)

Coated plastic part and method of producing a coated plastic part

Title (de)

Beschichtetes Kunststoffteil und Verfahren zur Herstellung eines beschichteten Kunststoffteils

Title (fr)

Pièce plastique revêtue et procédé de production de pièce plastique revêtue

Publication

EP 2548657 A1 20130123 (EN)

Application

EP 11175089 A 20110722

Priority

EP 11175089 A 20110722

Abstract (en)

A method of producing a coated plastic part, the method comprising the steps of: forming a composite of a thermoplastic polymer and graphene or nanographene wherein the ratio of polymer and nanographene is chosen in such a way that the composite has electric conductivity; processing the composite in an extruder to produce master-batch in solid form; processing the master-batch to mold a plastic part; and applying a coating directly onto the plastic part by an electrostatic coating process.

IPC 8 full level

B05D 1/04 (2006.01); **B05D 7/02** (2006.01)

CPC (source: EP)

B05D 1/04 (2013.01); **B05D 7/02** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

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