

Title (en)
Method for a multilayer coating

Title (de)
Verfahren für Mehrschichtbeschichtung

Title (fr)
Procédé pour revêtement multicouche

Publication
EP 1153669 B1 20070307 (EN)

Application
EP 00109836 A 20000510

Priority
EP 00109836 A 20000510

Abstract (en)
[origin: EP1153669A1] A method for obtaining a cured multi-layer coating with good intercoat adhesion, comprising the steps of: a) applying to a substrate a first powder coating composition comprising i) a polyester resin having a carboxyl functionality of less than two, ii) a crosslinker reactive toward the carboxyl groups of the polyester resin selected from the group consisting of epoxy-functional compounds, wherein the ratio of epoxy groups of the crosslinker to the carboxyl groups of the polyester is between 1.05 : 1 and 1.9 : 1, b) applying to the first coating layer at least one additional coating composition comprising a clearcoat including i) a hydroxyl functional acrylic resin and ii) a crosslinker reactive toward the hydroxyl groups on the acrylic resin, c) curing the coating compositions together or sequentially. i

IPC 8 full level
B05D 5/06 (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP)
B05D 5/06 (2013.01); **B05D 7/546** (2013.01); **B05D 7/577** (2013.01)

Cited by
CN108588703A; US11904355B2; US11925957B2

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 1153669 A1 20011114; **EP 1153669 B1 20070307**; DE 60033787 D1 20070419; DE 60033787 T2 20071108; ES 2283254 T3 20071101

DOCDB simple family (application)
EP 00109836 A 20000510; DE 60033787 T 20000510; ES 00109836 T 20000510