

Title (en)

METHOD FOR COATING PLASTIC SUBSTRATES

Title (de)

VERFAHREN ZUR BESCHICHTUNG VON KUNSTSTOFFSUBSTRATEN

Title (fr)

PROCÉDÉ DE REVÊTEMENT DE SUBSTRATS EN PLASTIQUE

Publication

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Application

EP 15725304 A 20150522

Priority

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Abstract (en)

[origin: WO2016005094A1] The present invention relates to a method for coating plastics substrates with an aqueous coating composition (A) comprising at least one organic polymer as binder, said coating composition being applied to at least one surface (O) of the plastics substrate and being subsequently cured, wherein (i) the application of the coating composition (A) is preceded by the application of a carbene-forming compound (C) of formula (I) where $R1 = -(CX2)_nX$, where $X = F$ or Cl , and $n = 0$ or 1 , $R2 = (a)$ where $R3, R4$ independently of one another = $-H$, $-(CH2)_mY$, where $Y = OH, CO2H, NH2$, or Br , and $m = 0$ to 4 , with the exception of $R3 = R4 = -H$, directly to the surface (O) and its activation to carbene formation, and/or (ii) the coating composition (A) comprises the carbene-forming compound (C), which is activated to carbene formation following application of the coating composition (A). The invention also relates to coatings produced by means of the method, and to coated plastics substrates.

IPC 8 full level

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