

Title (en)

PRIMER COATING AGENT SYSTEM FOR PLASTIC SUBSTRATES

Title (de)

PRIMER-BESCHICHTUNGSMITTELSYSTEM FÜR KUNSTSTOFFSUBSTRATE

Title (fr)

SYSTÈME D'AGENT DE REVÊTEMENT PRIMAIRE POUR SUBSTRATS EN PLASTIQUE

Publication

EP 3700982 A1 20200902 (DE)

Application

EP 18789668 A 20181023

Priority

- EP 17197843 A 20171023
- EP 2018078959 W 20181023

Abstract (en)

[origin: WO2019081461A1] The invention relates to a use of a primer coating agent composition which can be obtained by combining at least two components (A) and (B) of a coating agent system which differ from one another and are present separately from one another, component (B) being non-aqueous, contains at least one polyisocyanate having more than two free isocyanate groups, at least one organic solvent and also at least one Si-containing compound which has at least one hydrolysable radical and at least one non-hydrolysable organic radical, for at least partial application to at least one optionally pretreated surface of a plastic substrate. The invention further relates to a method for producing a corresponding coating on such a substrate and to a method for at least partial coating of at least one surface of a plastic substrate with a multi-layer coating.

IPC 8 full level

C09D 5/00 (2006.01); **B05D 7/00** (2006.01); **C08G 18/79** (2006.01); **C08K 5/541** (2006.01); **C09D 175/00** (2006.01)

CPC (source: EP KR US)

B05D 7/572 (2013.01 - EP KR US); **B05D 7/574** (2013.01 - EP KR); **C08G 18/10** (2013.01 - US); **C08G 18/3893** (2013.01 - US); **C08G 18/48** (2013.01 - US); **C08G 18/603** (2013.01 - US); **C08G 18/6225** (2013.01 - US); **C08G 18/73** (2013.01 - US); **C08G 18/755** (2013.01 - US); **C08G 18/792** (2013.01 - EP KR US); **C08K 3/013** (2017.12 - US); **C08K 5/541** (2013.01 - KR); **C08K 5/5435** (2013.01 - US); **C09D 5/002** (2013.01 - EP KR US); **C09D 7/40** (2017.12 - EP KR); **C09D 175/00** (2013.01 - EP KR); **B05D 2201/02** (2013.01 - US); **B05D 2401/21** (2013.01 - EP KR); **B05D 2420/01** (2013.01 - EP KR US); **B05D 2503/00** (2013.01 - KR); **B05D 2518/10** (2013.01 - KR); **C08K 5/541** (2013.01 - EP)

Citation (search report)

See references of WO 2019081461A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019081461 A1 20190502; CA 3079082 A1 20190502; CN 111263792 A 20200609; EP 3700982 A1 20200902; JP 2021500443 A 20210107; JP 7420711 B2 20240123; KR 20200072533 A 20200622; MX 2020004125 A 20200813; US 11591479 B2 20230228; US 2020299519 A1 20200924

DOCDB simple family (application)

EP 2018078959 W 20181023; CA 3079082 A 20181023; CN 201880069037 A 20181023; EP 18789668 A 20181023; JP 2020522911 A 20181023; KR 20207014392 A 20181023; MX 2020004125 A 20181023; US 201816755364 A 20181023