

Title (en)

ANTI-BLACKENING COATING COMPOSITION

Title (de)

ANTI-SCHWARZMACHENDE BESCHICHTUNGSZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE REVÊTEMENT ANTI-NOIRCISSEMENT

Publication

EP 4136174 A4 20231220 (EN)

Application

EP 20931344 A 20200415

Priority

CN 2020084811 W 20200415

Abstract (en)

[origin: WO2021207950A1] A coating composition comprises: (a) at least one water soluble or water dispersible polymer; (b) at least one anti-blackening agent; and (c) water. The anti-blackening agent is selected from organic acid, organic acid ester or organic acid salt, organic metal complex, or any combination thereof. The coating composition exhibits excellent anti-blackening property after cured.

IPC 8 full level

C09D 5/08 (2006.01); **B05D 7/14** (2006.01); **C23C 22/00** (2006.01)

CPC (source: EP)

C09D 5/086 (2013.01); **B05D 2202/10** (2013.01); **C08K 5/09** (2013.01); **C08K 5/175** (2013.01); **C08K 5/42** (2013.01); **C08K 5/521** (2013.01)

Citation (search report)

- [X] EP 1959030 A2 20080820 - NIHON PARKERIZING [JP]
- [X] JP 2013023705 A 20130204 - NIHON PARKERIZING
- [X] WO 2017078105 A1 20170511 - NIPPON STEEL & SUMITOMO METAL CORP [JP], et al
- [X] KR 101221839 B1 20130116 - NOROO COIL COATINGS CO LTD [KR]
- [E] EP 4036273 A1 20220803 - POSCO [KR]
- See references of WO 2021207950A1

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

DOCDB simple family (publication)

WO 2021207950 A1 20211021; AU 2020442769 A1 20221215; CN 115397926 A 20221125; CN 115397926 B 20240709; EP 4136174 A1 20230222; EP 4136174 A4 20231220

DOCDB simple family (application)

CN 2020084811 W 20200415; AU 2020442769 A 20200415; CN 202080099691 A 20200415; EP 20931344 A 20200415