

Title (en)  
ANTIFOULING COATING COMPOSITION

Title (de)  
FÄULNISVERHINDERNDE BESCHICHTUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE REVÊTEMENT ANTISALISURE

Publication  
**EP 4126335 A1 20230208 (EN)**

Application  
**EP 21713698 A 20210325**

Priority  
• EP 20166494 A 20200327  
• EP 2021057830 W 20210325

Abstract (en)  
[origin: WO2021191388A1] An antifouling coating composition comprising: (i) a polymeric binder component comprising a plurality of ester functional groups; (ü) a plurality of core-shell polymer particles wherein the core comprises an organic biocide and a polymer of one or more ethylenically unsaturated monomers wherein at least one of said ethylenically unsaturated monomers comprises a polar group selected from hydroxyl, carboxylic acid, ether, sulfonic acid, amino or amido and wherein said polymer comprises more than 30 % by weight of monomer residues comprising polar groups; and a shell polymeric dispersant comprising a polymer of one or more ethylenically unsaturated monomers wherein said polymeric dispersant comprises less than 20 % by weight of ethylenically unsaturated monomer residues comprising polar groups selected from hydroxyl, carboxylic acid, ether, sulfonic acid, amino or amido; and (iii) optionally, an additional biocide.

IPC 8 full level  
**B01J 13/18** (2006.01); **A01N 25/28** (2006.01); **C08F 2/00** (2006.01); **C08F 2/08** (2006.01); **C08F 20/12** (2006.01); **C08F 120/20** (2006.01); **C08F 126/10** (2006.01); **C09D 5/16** (2006.01); **C09D 7/40** (2006.01); **C09D 7/61** (2006.01); **C09D 7/63** (2006.01); **C09D 133/08** (2006.01)

CPC (source: EP KR)  
**A01N 25/28** (2013.01 - EP KR); **B01J 13/185** (2013.01 - EP KR); **C08F 2/08** (2013.01 - EP KR); **C08F 220/1804** (2020.02 - EP KR); **C08F 230/085** (2020.02 - EP KR); **C08F 265/06** (2013.01 - EP KR); **C08K 3/015** (2017.12 - KR); **C08K 3/22** (2013.01 - KR); **C08K 3/36** (2013.01 - KR); **C08K 5/0058** (2013.01 - KR); **C08K 9/10** (2013.01 - KR); **C08L 43/04** (2013.01 - EP KR); **C08L 51/003** (2013.01 - KR); **C09D 5/1625** (2013.01 - EP KR); **C09D 5/165** (2013.01 - EP KR); **C09D 5/1668** (2013.01 - EP KR); **C09D 5/1687** (2013.01 - KR); **C09D 7/40** (2017.12 - EP KR); **C09D 7/61** (2017.12 - EP KR); **C09D 7/63** (2017.12 - EP KR); **C09D 143/04** (2013.01 - EP KR); **C08K 3/015** (2017.12 - EP); **C08K 5/0058** (2013.01 - EP); **C08K 9/10** (2013.01 - EP); **C08K 2003/2296** (2013.01 - EP KR); **C08L 2205/16** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2021191388A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

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**WO 2021191388 A1 20210930**; CN 115697545 A 20230203; EP 4126335 A1 20230208; JP 2023519444 A 20230510; KR 20220156612 A 20221125

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**EP 2021057830 W 20210325**; CN 202180038165 A 20210325; EP 21713698 A 20210325; JP 2023501686 A 20210325; KR 20227036842 A 20210325