



(11) **EP 4 365 210 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(48) Corrigendum issued on:
03.07.2024 Bulletin 2024/27

(43) Date of publication:
08.05.2024 Bulletin 2024/19

(21) Application number: **22841984.2**

(22) Date of filing: **01.07.2022**

(51) International Patent Classification (IPC):
C08F 2/18 (2006.01) C08F 14/18 (2006.01)

(52) Cooperative Patent Classification (CPC):
(C-Sets available)
C08F 214/262; C08F 2/004; C08F 2/18;
C08F 14/26 (Cont.)

(86) International application number:
PCT/JP2022/026475

(87) International publication number:
WO 2023/286640 (19.01.2023 Gazette 2023/03)

(84) Designated Contracting States:
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 States:
BA ME
Designated Validation States:
KH MA MD TN

(30) Priority: **13.07.2021 JP 2021115703**

(71) Applicant: **DAIKIN INDUSTRIES, LTD.**
Osaka-shi, Osaka 530-0001 (JP)

(72) Inventors:
• **TAKAOKA, Hiroshi**
Osaka-shi, Osaka 530-8323 (JP)
• **MARUYA, Yoshiki**
Osaka-shi, Osaka 530-8323 (JP)
• **SUZUKI, Takaaki**
Osaka-shi, Osaka 530-8323 (JP)
• **NAKAO, Yuki**
Osaka-shi, Osaka 530-8323 (JP)

(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

(54) **METHOD FOR PRODUCING FLUORINE-CONTAINING POLYMER**

(57) A method for producing a fluorine-containing polymer comprises: (a) treating, on a metal inner surface of a polymerization tank, at least a region with which a reaction mixture may come into contact during the following (b) with a treatment agent containing phosphoric acid and/or a phosphate and a polar solvent to form an

adhesion prevention film on the region, and (b) polymerizing at least a fluorine-containing monomer in a reaction mixture containing a fluorine-containing solvent and water by suspension polymerization in the polymerization tank to obtain the fluorine-containing polymer.

EP 4 365 210 A8

(52) Cooperative Patent Classification (CPC): (Cont.)

C-Sets

C08F 14/26, C08F 2/002;

C08F 14/26, C08F 2/18;

C08F 214/262, C08F 216/1408