

Title (en)

ADDITIVES FOR REDUCING NON-SPECIFIC INTERACTIONS BETWEEN FLUORESCENT POLYMER CONJUGATES AND CELLS IN A BIOLOGICAL SAMPLE

Title (de)

ADDITIVE ZUR REDUZIERUNG NICHTSPEZIFISCHER WECHSELWIRKUNGEN ZWISCHEN FLUORESZIERENDEN POLYMERKONJUGATEN UND ZELLEN IN EINER BIOLOGISCHEN PROBE

Title (fr)

ADJUVANTS DE RÉDUCTION D'INTERACTIONS NON SPÉCIFIQUES ENTRE DES CONJUGUÉS POLYMÈRES FLUORESCENTS ET DES CELLULES D'UN ÉCHANTILLON BIOLOGIQUE

Publication

EP 4244625 A1 20230920 (EN)

Application

EP 21824154 A 20211112

Priority

- US 202063113703 P 20201113
- US 2021059254 W 20211112

Abstract (en)

[origin: WO2022104147A1] The disclosure relates to methods and compositions for reducing or eliminating non-specific binding of at least one dye conjugate to cells in a biological sample. A dye conjugate is contacted with at least one zwitterionic or anionic surfactant before, during or after the dye conjugate is contacted with a blood sample, resulting in substantially reduced non-specific binding of the dye conjugate to cells in the biological sample.

IPC 8 full level

G01N 33/569 (2006.01)

CPC (source: EP)

C08G 61/06 (2013.01); **G01N 33/56972** (2013.01); **G01N 33/582** (2013.01); **C08G 2261/12** (2013.01); **C08G 2261/1424** (2013.01); **C08G 2261/143** (2013.01); **C08G 2261/1452** (2013.01); **C08G 2261/148** (2013.01); **C08G 2261/1644** (2013.01); **C08G 2261/312** (2013.01); **C08G 2261/3142** (2013.01); **C08G 2261/3422** (2013.01)

Citation (search report)

See references of WO 2022104147A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022104147 A1 20220519; AU 2021380843 A1 20230615; CA 3198558 A1 20220519; CN 116997797 A 20231103; EP 4244625 A1 20230920; JP 2023550721 A 20231205

DOCDB simple family (application)

US 2021059254 W 20211112; AU 2021380843 A 20211112; CA 3198558 A 20211112; CN 202180088861 A 20211112; EP 21824154 A 20211112; JP 2023528434 A 20211112