



- (51) International Patent Classification:
G01N 33/80 (2006.01)
- (21) International Application Number:
PCT/EP2012/074481
- (22) International Filing Date:
5 December 2012 (05.12.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
11192236.5 6 December 2011 (06.12.2011) EP
- (71) Applicant: UNIVERSITE LIBRE DE BRUXELLES
[BE/BE]; Avenue Franklin Roosevelt 50 CP 161, B-1050
Bruxelles (BE).
- (72) Inventors: CORAZZA, Francis; Rue des Mimosas 17, B-
1030 Schaerbeek (BE). EL KENZ, Hanane; Rue reper
Vreven 16, B-1020 Laeken (BE).
- (74) Agent: PRONOVEM - OFFICE VAN MALDEREN;
Avenue Josse Goffin 158, B-1082 Bruxelles (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR ASSAYING AN ANTIGEN PRESENT ON ERYTHROCYTES OR AN ANTIBODY BINDING TO AN ANTIGEN PRESENT ON ERYTHROCYTES

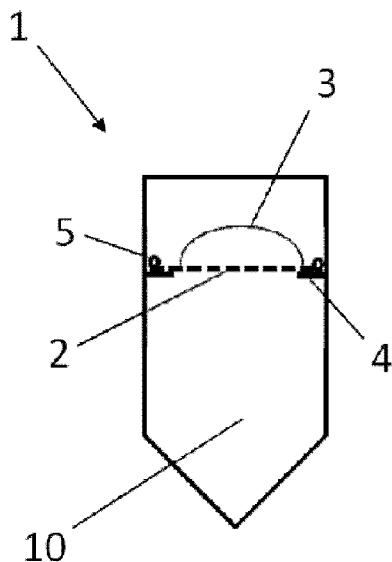


Fig. 1

(57) Abstract: The present invention relates to an assaying kit for pre-transfusion blood group matching between two blood samples, said kit comprising at least two assemblies (101,201) corresponding to the first and the second blood sample, each assembly comprising at least two test units (1), each test unit (1) comprising: -a reagent containing an antigen present on erythrocytes or an antibody able to bind to an antigen present on erythrocytes, and a membrane (2) permeable to free erythrocytes (6) and impermeable to hemagglutinated erythrocytes, wherein the antibody contained in the first test unit for both the first assembly (101) and the second assembly (201) is corresponding to a first blood group and the antibody contained in the second test units for both the first assembly (101) and the second assembly (201) is corresponding to a second blood group.



Published:

— *with international search report (Art. 21(3))*