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- (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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

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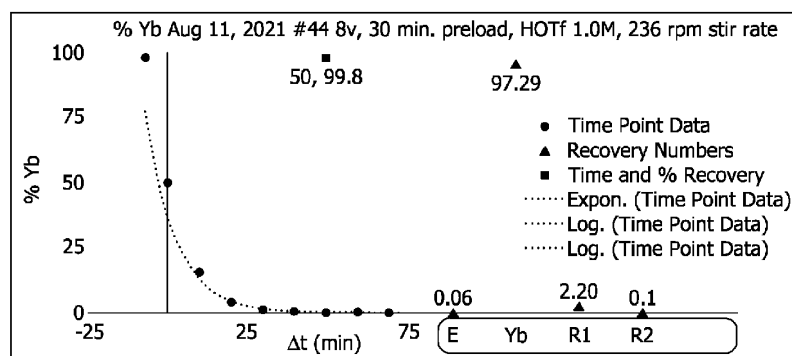
- of inventorship (Rule 4.17(iv))

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- without international search report and to be republished upon receipt of that report (Rule 48.2(g))

- (54) **Title:** PRODUCTION OF ^{177}Lu FROM Yb TARGETS

FIGURE 1



- (57) **Abstract:** The present disclosure relates to methods for separating lanthanides and methods for producing non carrier added (n.c.a) ^{177}Lu , for use in particular in nuclear medicine, for diagnostic and/or therapeutic purposes.