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MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a
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- *as to the applicant's entitlement to claim the priority of the
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(54) **Title:** COSMIC QUENCHERS

(57) **Abstract:** The present invention provides quenchers of excited state energy, probes and other conjugates comprising these quenchers, and methods of their use.



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