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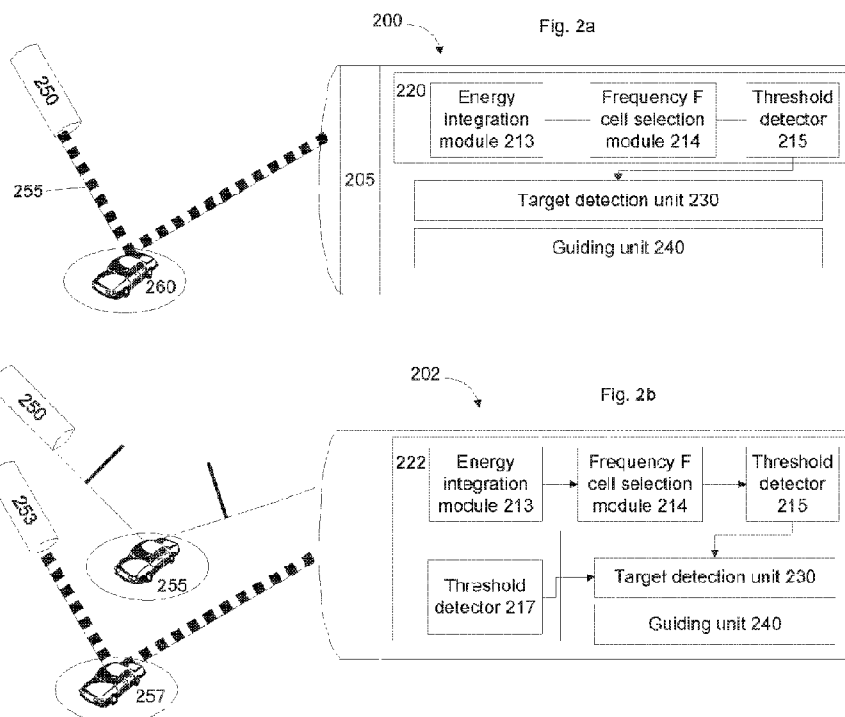
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(54) Title: LOW POWER LASER SENSING



(57) Abstract: The presently disclosed subject matter includes a laser system and a respective method of detecting a signal reflected from a target illuminated by a modulated CW light source configured to generate a modulated laser signal at a predefined modulation frequency. A signal comprising true laser signal portions reflected from said target, and noise is received; the signal is filtered for selecting laser signal portions at a modulation frequency band; and the true signal portions in the signal are detected, if the energy at the modulation frequency band is greater than a given threshold.



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