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(54) Title: RADAR APPARATUS



(57) Abstract: Marine radar apparatus propagates groups of three pulses A, B, C of the same amplitude but different widths, the shorter pulse enabling detection of close range targets and the longer pulses enabling detection of longer range targets. The pulses are encoded differently with the short pulse A being a continuous wave signal and the longer pulses being modulated with a frequency modulated chirp, one pulse C being chirp up and the other B being chirp down. The power of the radar need only be about 190w.

WO 2006/123084 A1