

Title (en)

Control device for simultaneous multiple beam-forming in an electronically scanned antenna for radar reception

Title (de)

Steuervorrichtung zur simultanen Mehrstrahlformung in einer Antenne mit elektronisch gesteuerter Ablenkung für Radarempfang

Title (fr)

Dispositif de commande pour la formation de plusieurs faisceaux simultanés de réception radar à antenne à balayage électronique

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1096603A1] The beam formation command mechanism has multiple signal receivers (1) in a sub network, with a partial combiner (2,3) after each sub network. A second combiner (7) uses optical techniques with division (6) and offsets (5). Finally, optical detectors (10,11,12) form a set of beams (R1-Rr).

IPC 8 full level

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