

Title (en)

WAVEGUIDE RADIATOR, ESPECIALLY FOR SYNTHETIC APERTURE RADAR SYSTEMS

Title (de)

HOHLLEITER-STRAHLER, INSBESONDERE FÜR SYNTHETIK-APERTUR-RADAR-SYSTEME

Title (fr)

ÉMETTEUR DE RAYONNEMENT À CONDUCTEUR CREUX POUR SYSTÈMES DE RADAR À OUVERTURE SYNTHÉTIQUE

Publication

**EP 2100348 B1 20160831 (DE)**

Application

**EP 07856032 A 20071127**

Priority

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Abstract (en)

[origin: WO2008064655A1] The invention relates to a waveguide radiator comprising a slit wave guide (10) in which a plurality of slits (14) are formed, and an additional inner conductor which is applied inside the wave guide (10) and formed in a polarisation-dependent manner in such a way that all of the slits (14) of the wave guide (10) can be excited equally in terms of phase and amplitude.

IPC 8 full level

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CPC (source: EP US)

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