

Title (en)
MULTIBEAM SOURCE

Title (de)
MEHRSTRAHLIGE QUELLE

Title (fr)
SOURCE MULTI-FAISCEAUX

Publication
EP 2764577 B1 20180829 (FR)

Application
EP 12768843 A 20121005

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Abstract (en)
[origin: WO2013050517A1] The invention relates to a multibeam source for a multibeam antenna, the source comprising a plurality of identical basic sources, such that the basic sources are combined into identical subnetworks around a central basic source, each subnetwork forming a beam, and such that two adjacent subnetworks comprise at least one common basic source, wherein the source includes: a supply and polarization stage (10) for supplying power to the central basic sources and polarizing the electromagnetic field at the accesses of the central basic sources; and a stage (20) for distributing the power from the central basic sources among the basic sources of the corresponding subnetwork and those common to a plurality of subnetworks according to a predetermined amplitude law.

IPC 8 full level
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