

Title (en)
SPATIAL POWER COMBINER

Title (de)
RÄUMLICHER LEISTUNGSKOMBINATOR

Title (fr)
COMBINEUR SPATIAL DE PUISSANCE

Publication
EP 3171451 B1 20211110 (FR)

Application
EP 16200051 A 20161122

Priority
FR 1561267 A 20151123

Abstract (en)
[origin: US2017149113A1] A spatial power combiner includes several inputs to which are respectively linked a plurality of transmission lines, and an output. A body defines a cavity and the plurality of transmission lines pass longitudinally through the cavity and are disposed around an absorbent member also extending longitudinally in the cavity. A power amplification set includes the spatial power combiner and an amplification structure at the input of the spatial power combiner.

IPC 8 full level
H01P 5/02 (2006.01); **H01P 5/12** (2006.01); **H01P 1/23** (2006.01)

CPC (source: EP US)
H01P 1/30 (2013.01 - US); **H01P 3/081** (2013.01 - US); **H01P 5/028** (2013.01 - EP US); **H01P 5/12** (2013.01 - EP US); **H01P 5/16** (2013.01 - US); **H01P 1/23** (2013.01 - EP US)

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DOCDB simple family (publication)
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