

Title (en)
DIFFERENCE PHASE SLIDER ASSEMBLY

Title (de)
DIFFERENZ-PHASENSCHIEBERBAUGRUPPE

Title (fr)
BLOC DEPHASEUR DIFFERENTIEL

Publication
EP 3096393 B1 20180124 (DE)

Application
EP 16157276 A 20160225

Priority
• DE 102015006622 A 20150522
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Abstract (en)
[origin: US9431703B1] A differential phase shifter assembly with n striplines positioned concentrically with one another, on the opposite stripline ends of which connecting points for connecting lines leading to radiators are provided, where n is a natural integer greater than or equal to 2. A feeding and/or tapping device is pivotable about a central and/or pivot axis, and is therefore pivotable over the plurality of striplines while establishing a primary capacitive coupling. A central feed serves to feed the feeding and/or tapping device. At least one to n-1 secondary capacitive couplings are additionally provided. The one or more secondary capacitive couplings are provided on the side of the feeding and/or tapping assembly facing the primary capacitive coupling. For the at least one additional secondary capacitive coupling, at least one additional branched feeding and/or tapping device is provided, which together with the feeding and/or tapping device is pivotable about the central and/or pivot axis.

IPC 8 full level
H01P 1/18 (2006.01); **H01P 5/02** (2006.01); **H01Q 3/32** (2006.01)

CPC (source: CN EP US)
H01P 1/184 (2013.01 - CN EP US); **H01P 5/028** (2013.01 - EP US); **H01Q 3/30** (2013.01 - US); **H01Q 3/32** (2013.01 - EP US); **H01Q 21/00** (2013.01 - US); **H01Q 21/06** (2013.01 - CN)

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US 9431703 B1 20160830; CN 106169634 A 20161130; CN 106169634 B 20190212; EP 3096393 A1 20161123; EP 3096393 B1 20180124

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