

Title (en)
SWITCHING DEVICE FOR PARALLEL OR HYBRID TRANSMISSION

Title (de)
SCHALTVORRICHTUNG FÜR EIN PARALLEL- ODER HYBRIDGETRIEBE

Title (fr)
DISPOSITIF DE COMMUTATION POUR TRANSMISSION PARALLÈLE OU HYBRIDE

Publication
EP 2846397 B1 20160615 (EN)

Application
EP 13802077 A 20130719

Priority
ES 2013070533 W 20130719

Abstract (en)
[origin: EP2846397A1] Device comprising: two identical quadrature couplers, (14) and (15), a rotary gyrator (1) disposed between the two couplers, (14) and (15), and a fixed gyrator (13) disposed between the two couplers, (14) and (15), which can be disposed one on each coupler interconnection branch or both on the same branch. The rotary gyrator comprises: an internal rotary disk (2), having a groove gap that defines a waveguide, a housing, wherein the rotary disk (2) is housed, means for actuating the rotation of the rotary disk and means for radially and axially centering the rotary disk (2) on the housing. The practical application of the device relates to the manufacture of switchable polarisation antenna feeders, enabling the configuration of an orthomode transducer for either linear polarisation or circular polarisation.

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CPC (source: EP)
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