

Title (en)

DEVICE FOR SQUINTING A BEAM BY DISPLACEMENT OF EFFECTIVE DIELECTRIC ROLLS

Title (de)

VORRICHTUNG ZUM ZUSAMMENKNEIFEN EINES STRAHLS DURCH VERSCHIEBUNG VON EFFEKTIVEN DIELEKTRISCHEN ROLLEN

Title (fr)

DISPOSITIF DE DEPOINTAGE DE FAISCEAU PAR DEPLACEMENT DE ROULEAUX DIELECTRIQUES EFFECTIFS

Publication

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Application

EP 17808374 A 20171116

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Abstract (en)

[origin: WO2018091587A1] The invention is concerned with a device for squinting an electromagnetic beam (Finc) comprising at least two superposed dielectric lenses (D11, D12) said device being characterized in that the dielectric lenses are of variable effective thicknesses, and in that at least one of the dielectric lenses can move in at least one direction (y) substantially orthogonal to a plane (xOz) in which the electromagnetic beam is squinted, as well as with an antenna comprising such a device. It is also concerned with a method for squinting an electromagnetic beam.

IPC 8 full level

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