

Title (en)

IMPLEMENTATION OF INDUCTIVE POSTS IN AN SIW STRUCTURE AND PRODUCTION OF A GENERIC FILTER

Title (de)

IMPLEMENTIERUNG INDUKTIVER POSTEN IN EINER SIW-STRUKTUR UND HERSTELLUNG EINES GENERISCHEN FILTERS

Title (fr)

IMPLÉMENTATION DE POTEAUX INDUCTIFS DANS UNE STRUCTURE SIW ET RÉALISATION D'UN FILTRE GÉNÉRIQUE

Publication

EP 3631893 A1 20200408 (FR)

Application

EP 18727314 A 20180601

Priority

- FR 1754929 A 20170602
- EP 2018064505 W 20180601

Abstract (en)

[origin: WO2018220195A1] A microwave component (10) of the transmission line type integrated into the substrate, comprises at least one upper layer (14) having at least one electrically conductive surface (26), a lower layer (16) having at least one electrically conductive surface (44), and a central layer (18) defining a propagation area (20) of an electromagnetic wave extending along a propagation axis. The upper layer (14) comprises at least an upper hole (30) passing through it; the lower layer (16) comprises at least one lower hole (46) passing through it. An electrically conductive wire (22) is received through the upper hole (30), the propagation area (20) and the lower hole (46), the conductive wire (22) being electrically connected to the electrically conductive surface (26) of the upper layer (14) and the electrically conductive surface (44) of the lower layer (16).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018220195A1

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