

Title (en)
Nonradiative planar dielectric line and integrated circuit using the same line

Title (de)
Nichtstrahlende planare dielektrische Leitung und integrierte Schaltung damit

Title (fr)
Ligne non-radiative planaire diélectrique et circuit intégré l'utilisant

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EP 0883204 B1 20081231 (EN)

Application
EP 98110079 A 19980603

Priority
JP 14771497 A 19970605

Abstract (en)
[origin: EP0883204A2] A nonradiative planar dielectric line exhibits low transmission losses and is easily connectable to electronic components. A first slot (24) is provided between two electrodes (21a, 21b) on a first main surface of a dielectric plate (23). A second slot (25) is provided between two electrodes (22a, 22b) on a second main surface of the dielectric plate (23). A first conductor (28) is electrically connected to the electrodes (21a, 21b) on the first main surface and also covers the first slot (24). A second conductor (29) is electrically connected to the electrodes (22a, 22b) on the second main surface and also covers the second slot (25). An integrated circuit using the above type of dielectric line is also provided. Thus, apparatuses using the above dielectric lines or integrated circuits are miniaturized. <IMAGE>

IPC 8 full level
H01L 27/01 (2006.01); **H01P 3/16** (2006.01); **H01P 3/02** (2006.01)

CPC (source: EP)
H01P 3/023 (2013.01); **H01P 3/165** (2013.01)

Cited by
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