

Title (en)  
Balun circuits.

Title (de)  
Symmetrierschaltungen.

Title (fr)  
Symétriseurs.

Publication  
**EP 0213864 A2 19870311 (EN)**

Application  
**EP 86306357 A 19860818**

Priority  
GB 8521727 A 19850831

Abstract (en)  
A Balun circuit for an integrated circuit having a small area and constructed using known semi-conductor fabrication processes. The balun circuit comprises two metallic strips (3,5) on a dielectric substrate (1) the strips (3,5) being substantially parallel to one another with a gap (7) there between and the second strip (5) having a length (21) to be equal to a quarter wavelength of the input signal, the values of the gap and strip widths (13,19) being predetermined such that the output impedances of the first and second metallic strips (3,5) respectively are substantially equal.

IPC 1-7  
**H01P 5/10**

IPC 8 full level  
**H01P 5/10** (2006.01)

CPC (source: EP)  
**H01P 5/10** (2013.01)

Cited by  
US6018277A; US5142697A; DE4321411C1

Designated contracting state (EPC)  
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0213864 A2 19870311; EP 0213864 A3 19880907; GB 2179801 A 19870311; GB 8521727 D0 19851002; GB 8620014 D0 19860924; JP S6271304 A 19870402**

DOCDB simple family (application)  
**EP 86306357 A 19860818; GB 8521727 A 19850831; GB 8620014 A 19860818; JP 20356486 A 19860829**