

Title (en)
An integrated circuit based transformer

Title (de)
Transformator basierend auf integrierter Schaltung

Title (fr)
Transformateur à base de circuit intégré

Publication
EP 2669907 A1 20131204 (EN)

Application
EP 12290176 A 20120528

Priority
EP 12290176 A 20120528

Abstract (en)
An integrated circuit based transformer comprising a first layer of electrically conductive material and a second layer of electrically conductive material. The transformer comprises a primary winding having a first and a second portion (713, 711), wherein the first portion (713) of the primary winding is formed in the first layer of electrically conductive material and the second portion (711) of the primary winding is formed in the second layer of electrically conductive material; and a secondary winding having a first and a second portion (712, 714), wherein the first portion (712) of the secondary winding is formed in the second layer of electrically conductive material, and the second portion (714) of the secondary winding is formed in the first layer of electrically conductive material.

IPC 8 full level
H01F 27/28 (2006.01); **H01F 21/12** (2006.01)

CPC (source: EP)
H01F 21/12 (2013.01); **H01F 27/2804** (2013.01); **H01F 2021/125** (2013.01); **H01F 2027/2809** (2013.01)

Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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