

Title (en)
Transformer with shielding and its use

Title (de)
Übertrager mit Schirmung sowie Verwendung

Title (fr)
Transformateur avec blindage et son utilisation

Publication
EP 0656636 B1 19980722 (DE)

Application
EP 94114267 A 19940910

Priority
DE 4340928 A 19931201

Abstract (en)
[origin: EP0656636A1] In the case of a transformer having a screen (S) between individual windings (w1, w2), at least one of the individual windings (w2) is formed from conductor tracks (b1, b2, ...) in a plurality of layers of a multilayer board (ML). These conductor tracks (b1, b2, ...) can optionally be connected together, to form different overall windings, via conductor links (D). By means of this design, a transformer can be used for a wide range of applications without costly storage and different quality tests being required. The growth of cracks is effectively suppressed by integration of the screen (S) in the multilayer board (ML). <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
H01F 27/2804 (2013.01 - EP); **H01F 27/327** (2013.01 - EP); **H01F 27/36** (2013.01 - EP); **H01F 27/363** (2020.08 - EP US)

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