

Title (en)
Transformer.

Title (de)
Transformator.

Title (fr)
Transformateur.

Publication
EP 0508521 A1 19921014 (EN)

Application
EP 92200897 A 19920330

Priority
EP 91200816 A 19910409

Abstract (en)
The transformer comprises a core (1a, 1b) which is made of a soft-magnetic material and which comprises at least one limb (3a, 3b) on which a first and a second transformer winding (9a, 9b) are arranged one behind the other in the axial direction. The core comprises two portions (1a, 1b), each of which comprises at least a portion (3a, 3b) of the limb and is arranged so that the limb portions face one another and are situated one in the prolongation of the other. The first and second core portions (1a, 1b) and the transformer windings (9a, 9b) provided thereon are isolated from one another by an electrically insulating member which comprises a flat plate (11) which extends transversely of the longitudinal direction of the limb (3a, 3b) and which constitutes a partition between the core portions and projects a predetermined distance beyond the circumference of the core (1a, 1b) and the transformer windings (9a, 9b) in all directions. The transformer thus consists of two portions which are electrically fully isolated from one another. The air and creepage paths between these portions may be long, the dimensions of the transformer nevertheless being small. <IMAGE>

IPC 1-7
H01F 27/32

IPC 8 full level
H01F 38/08 (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)
H01F 27/324 (2013.01)

Citation (search report)
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• [X] DE 3700488 A1 19880721 - BECKER KLAUS DIPL ING [DE]
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