

Title (en)
Magnetic shielding for transformers

Title (de)
Magnetische Abschirmung für Transformatoren

Title (fr)
Blindage magnétique pour transformateurs

Publication
EP 2400513 A1 20111228 (EN)

Application
EP 10167494 A 20100628

Priority
EP 10167494 A 20100628

Abstract (en)
The present invention relates to magnetic shielding of transformers (100), and particularly to a transformer (100) with at least one magnetic shielding arrangement (101). A transformer (100) with at least one magnetic shielding arrangement (101) is provided, comprising a first magnetic shielding component (102). The first magnetic shielding component (102) is arranged in a first end region (104) of windings (106) of the transformer (100) such that a magnetic stray field and/or stray losses caused by the windings (106) of the transformer (100) during operation of the transformer (100) is reduced. The first magnetic shielding component (102) comprises at least one recess (201, 901, 904, 304) for a better cooling of the transformer (100).

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Citation (applicant)
• JP H11283848 A 19991015 - HITACHI LTD
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Citation (search report)
• [X] JP S57152116 A 19820920 - HITACHI LTD
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Cited by
CN104812683A; JP2014216524A; JP2018107224A; WO2014095016A1; WO2018091730A1; US9640315B2; US10153085B2

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