

Title (en)

Process for manufacturing transformers, in particular transformers for battery chargers and transformers obtained with said process

Title (de)

Verfahren zur Herstellung von Transformatoren insbesondere Transformatoren für Batterieladegeräte, und durch dieses Verfahren erhaltenen Transformatoren

Title (fr)

Procédé de fabrication de transformateurs, notamment transformateurs pour chargeurs de batteries, et transformateurs obtenus par ce procédé

Publication

EP 1054416 A1 20001122 (EN)

Application

EP 99830306 A 19990518

Priority

EP 99830306 A 19990518

Abstract (en)

A process for manufacturing transformers, in particular miniaturized transformers for battery chargers, provides the steps of associating with a support frame (3), a primary winding (2) arranged to receive electricity supply and a secondary winding (6) insulated from the primary winding and arranged to supply electricity. Once a core of ferromagnetic material (7) passing through the cavities defined inside the primary and secondary windings has been associated with the support structure, an outer protection structure (11) is made for the frame, windings and core which is associated with the structure of the transformer itself while it is being made. <IMAGE>

IPC 1-7

H01F 41/00; **H01F 27/02**

IPC 8 full level

H01F 27/02 (2006.01); **H01F 41/00** (2006.01)

CPC (source: EP)

H01F 27/022 (2013.01); **H01F 41/005** (2013.01)

Citation (search report)

- [X] GB 1029282 A 19660511 - PLESSEY CO LTD
- [A] US 4544906 A 19851001 - MOTA JOAQUIM S [PT]
- [A] WO 9114274 A1 19910919 - VALENTINE ENGINEERING INC [US]
- [A] US 5056214 A 19911015 - HOLT GARY E [US]
- [A] US 4102973 A 19780725 - HANNING ROBERT

Cited by

CN113744983A

Designated contracting state (EPC)

AT BE DE DK ES FI FR GB GR IE IT NL PT SE

DOCDB simple family (publication)

EP 1054416 A1 20001122

DOCDB simple family (application)

EP 99830306 A 19990518