

Title (en)

Transformer cores.

Title (de)

Transformatorkerne.

Title (fr)

Noyaux de transformateur.

Publication

**EP 0010427 A1 19800430 (EN)**

Application

**EP 79302237 A 19791017**

Priority

AU PD647278 A 19781019

Abstract (en)

A method of manufacturing transformer cores of either the continuously wound or cut wound type using electrical steel strip having approximately a linear taper. By selecting a suitable taper, a hexagonal (or higher order) approximation of a circular cross-section for the legs of the cores is available. Two complementary core strips can be cut from a single rectangular stock strip in a scrapless manner.

IPC 1-7

**H01F 41/02; H01F 27/24; B65H 39/00**

IPC 8 full level

**H01F 27/24** (2006.01); **H01F 27/25** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

**H01F 27/25** (2013.01); **H01F 41/0213** (2013.01)

Citation (search report)

- GB 524285 A 19400802 - BRITISH THOMSON HOUSTON CO LTD
- DE 691531 C 19400529 - AEG
- GB 692845 A 19530617 - ASEA AB
- GB 708995 A 19540512 - BRITISH THOMSON HOUSTON CO LTD
- US 2458112 A 19490104 - STEINMAYER ALWIN G
- DE 1011056 B 19570627 - LICENTIA GMBH
- GB 662915 A 19511212 - WESTINGHOUSE ELECTRIC INT CO
- DE 2702455 A1 19780727 - ANDREEV
- FR 2287760 A1 19760507 - INGENIERIA ELECTRICA IND SA [MX]
- GB 830094 A 19600309 - BBC BROWN BOVERI & CIE
- FR 1107583 A 19560103 - CEM COMP ELECTRO MEC
- FR 1333285 A 19630726 - A R L ETABLISSEMENTS AUGIER SO
- US 2366071 A 19441226 - TROY MATTHEW O

Cited by

DE19629930A1; EP1148522A3; CN104221105A; FR3112648A1; US6531946B2; US6407655B1; WO2022018344A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**EP 0010427 A1 19800430; EP 0010427 B1 19860115**; CA 1169932 A 19840626; DE 2967567 D1 19860227; IN 152275 B 19831210;  
JP S5556615 A 19800425; JP S6227527 B2 19870615; NZ 191840 A 19830614

DOCDB simple family (application)

**EP 79302237 A 19791017**; CA 337928 A 19791018; DE 2967567 T 19791017; IN 1083CA1979 A 19791018; JP 13583679 A 19791019;  
NZ 19184079 A 19791012