

Title (en)

QQ-type power factor corrector

Title (de)

QQ-Typ Leistungsfaktorkorrektor

Title (fr)

Correcteur de facteur de puissance de type QQ

Publication

EP 1760732 A1 20070307 (EN)

Application

EP 05019246 A 20050905

Priority

EP 05019246 A 20050905

Abstract (en)

A power factor corrector uses a design of a film-like QQ-type spirakore to largely reduce a waste of material and to effectively reduce ill products. The magnetic crystal generated is a non-orientation structure, and the egg-shape spirakore is a structure without angles, which facilitate a guidance of air flow, thereby having a better effect of heat dissipating and reducing an unusual tone and low frequency ripple interference. Moreover, each wire bundle in the coil structure is configured by merging thick and thin coils, and the thick and thin coils are interleaved between each wire bundle, which can effective reduce interference of magnetic lines of force between the coils and reduce the magnetic leakage, thereby acquiring a better effect of inductance.

IPC 8 full level

H01F 27/25 (2006.01)

CPC (source: EP)

H01F 27/25 (2013.01); **H01F 27/306** (2013.01); **H01F 27/346** (2013.01)

Citation (search report)

- [XY] US 657371 A 19000904 - WEBRE DORIFOR [US]
- [Y] US 2003210120 A1 20031113 - SIGL DENNIS [US]
- [A] US 5768113 A 19980616 - SAFRAOUI GEORGES [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 043 (E - 298) 22 February 1985 (1985-02-22)
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 165 (E - 327) 10 July 1985 (1985-07-10)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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