

Title (en)

Electromagnet for electrical switching devices, particularly for contactors.

Title (de)

Elektromagnet für elektrische Schaltgeräte, insbesondere Schütze.

Title (fr)

Electro-aimant pour appareils de commutation électrique, notamment pour contacteurs.

Publication

**EP 0160121 A1 19851106 (DE)**

Application

**EP 84112847 A 19841025**

Priority

EP 84103594 A 19840331

Abstract (en)

[origin: US4577174A] In an electromagnet for an electric switch, particularly safety switch, an armature and a magnetic core are each formed of a pack of laminations connected to each other by rivets. The laminations of the armature and the magnetic core are equally shaped and formed so that the pack of laminations of the armature matches the pack of laminations of the core in assembly.

Abstract (de)

Um einen Elektromagneten zu schaffen, dessen prinzipieller Aufbau eine wesentliche Vereinfachung der Herstellung, vor allem eine rationelle automatische Herstellung mit geringem Maschinenaufwand gestattet, wird vorgeschlagen, daß Anker (14) und Kern (-T) aus in der Form völlig gleichgestalteten Blechlamellen zusammengesetzt sind.

IPC 1-7

**H01F 7/08**; **H01H 50/16**

IPC 8 full level

**H01F 3/02** (2006.01); **H01F 7/08** (2006.01); **H01H 50/16** (2006.01); **H01H 50/46** (2006.01)

CPC (source: EP US)

**H01F 3/02** (2013.01 - EP US); **H01F 7/081** (2013.01 - EP US); **H01H 50/16** (2013.01 - EP US); **H01F 7/1205** (2013.01 - EP US); **H01H 50/46** (2013.01 - EP US); **H01H 2050/225** (2013.01 - EP US)

Citation (search report)

- [X] EP 0005734 A1 19791212 - ASEA AB [SE]
- [X] DE 1614342 A1 19700527 - PIRELLI
- [A] DE 2844361 A1 19790419 - TELEMECANIQUE ELECTRIQUE
- [A] EP 0081604 A1 19830622 - SPRECHER & SCHUH AG [CH]
- [A] DE 1045546 C

Cited by

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0160121 A1 19851106**; **EP 0160121 B1 19900110**; US 4577174 A 19860318

DOCDB simple family (application)

**EP 84112847 A 19841025**; US 70978885 A 19850311