

Title (en)

Control mechanism comprising a latching electromagnet

Title (de)

Kontrollmechanismus mit Verriegelungsmagnet

Title (fr)

Mechanisme de control avec un electroaimant de verrouillage

Publication

EP 0653097 B1 19971217 (EN)

Application

EP 94915843 A 19940420

Priority

- US 9404372 W 19940420
- US 6979793 A 19930601

Abstract (en)

[origin: WO9428559A1] A latching electromagnet is provided. The electromagnet (300) includes a core (305) having a pole face, a coil of windings (325), and an armature (330). Advantageously, the core has a geometry that locally increases the magnetic flux density to saturation levels.

IPC 1-7

H01F 7/16; H01F 7/13; H01F 7/14

IPC 8 full level

H01F 7/06 (2006.01); **H01F 7/08** (2006.01); **H01F 7/121** (2006.01); **H01F 7/13** (2006.01); **H01F 7/14** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)

H01F 7/08 (2013.01); **H01F 7/121** (2013.01); **H01F 7/13** (2013.01); **H01F 7/14** (2013.01); **H01F 7/1638** (2013.01)

Designated contracting state (EPC)

BE DE FR

DOCDB simple family (publication)

WO 9428559 A1 19941208; DE 69407387 D1 19980129; DE 69407387 T2 19980716; EP 0653097 A1 19950517; EP 0653097 B1 19971217; JP H07509815 A 19951026

DOCDB simple family (application)

US 9404372 W 19940420; DE 69407387 T 19940420; EP 94915843 A 19940420; JP 50063195 A 19940420