

Title (en)  
POLARIZED MAGNET SYSTEM

Publication  
**EP 0034811 B1 19831005 (DE)**

Application  
**EP 81101189 A 19810219**

Priority  
DE 3006948 A 19800225

Abstract (en)  
[origin: US4325043A] A polarized magnet system for a relay has a rotary armature having a pair of opposed parallel pole-piece plates which enclose permanent magnets and which terminate in spaced pole-plate piece ends which surround the pole-pieces of a coil core in clamp-like fashion and form working air gaps with the core. The ends of the ferromagnetic pole-piece plates are angled to form a tab in the direction of the coil core so that the working air gaps are shifted in the direction of the coil permitting the permanent magnets to occupy the entire distance between the pole pieces commensurate with the overall armature length.

IPC 1-7  
**H01H 51/22**; H01H 50/24

IPC 8 full level  
**H01F 7/14** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)  
**H01F 7/14** (2013.01 - EP US); **H01H 51/2227** (2013.01 - EP US); **H01F 7/122** (2013.01 - EP US)

Cited by  
EP0072976A1; CN109786664A; EP0183867A1; EP0277833A3; US4613840A; WO9318534A1

Designated contracting state (EPC)  
CH FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0034811 A1 19810902**; **EP 0034811 B1 19831005**; BR 8101127 A 19810901; DE 3006948 A1 19810910; DE 3006948 C2 19880915; JP S56133804 A 19811020; JP S6226561 B2 19870609; PT 72557 A 19810301; PT 72557 B 19820316; US 4325043 A 19820413

DOCDB simple family (application)  
**EP 81101189 A 19810219**; BR 8101127 A 19810224; DE 3006948 A 19800225; JP 2604081 A 19810224; PT 7255781 A 19810223; US 22796181 A 19810123