

Title (en)

Starter contactor for motor vehicle with perfectionated means for centring a stationary core

Title (de)

Anlasser-Schütz für Motorfahrzeug mit verbesserten Mitteln zum Zentrieren eines festmontierten Kerns

Title (fr)

Contacteur pour un démarreur de véhicule automobile comportant des moyens perfectionné de centrage d'un noyau fixe

Publication

**EP 0859393 B1 20041020 (FR)**

Application

**EP 98101170 A 19980123**

Priority

FR 9701856 A 19970214

Abstract (en)

[origin: EP0859393A1] The contactor has axial lugs (46) on a coil former to engage coaxially, on moving axially in external field, centring holes (48) in a plate (28) which forms a fixed magnetic core. One centring hole at least reaches the front surface (50) of the plate and the corresponding lug extends beyond this front surface into the space beyond to support a printed circuit, carried on a p.c.b. (52). This extended lug is hollow to allow the passage of a conducting wire (20) from the coil to cross the plate. The coil (14) lies in a cylindrical former (16) and the connecting wire is placed in a passage in the hollow lug by means of a radial slot extending from the exterior towards the interior along the length of the lug and across the former wall. The front surface of the lug meets a metallic eyelet in the p.c.b. so that the conducting wire passes through its hole (59) and is connected to the eyelet.

IPC 1-7

**H01H 51/06**

IPC 8 full level

**H01H 50/02** (2006.01); **H01H 51/06** (2006.01)

CPC (source: EP)

**H01H 50/021** (2013.01); **H01H 51/065** (2013.01)

Cited by

EP1901326A1; FR2795859A1; US7898373B2

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**EP 0859393 A1 19980819**; **EP 0859393 B1 20041020**; DE 69827054 D1 20041125; DE 69827054 T2 20050303; FR 2759811 A1 19980821; FR 2759811 B1 19990409

DOCDB simple family (application)

**EP 98101170 A 19980123**; DE 69827054 T 19980123; FR 9701856 A 19970214