

Title (en)

Starter with a contactor having perfectionate means for earthing in rest position, and contactor having such means

Title (de)

Anlasser mit Kontaktor versehen mit verbesserten Mitteln zur Endung in Rohelage, und Kontaktor mit solchen Mitteln versehen

Title (fr)

Démarreur muni d'un contacteur comportant des moyens perfectionnés de mise à la masse électrique en position de repos et contacteur muni de tels moyens

Publication

EP 0749144 B1 20011128 (FR)

Application

EP 96401250 A 19960611

Priority

FR 9507046 A 19950612

Abstract (en)

[origin: EP0749144A1] The starter includes the moving contact (44) which, in the rest position, makes contact between the supply terminal (30) and the earth connection (16) by means of a bent connecting plate (70). The helical return spring (54) is placed between the moving contact and an insulating support block (26) for the motor input terminal (28) and the supply terminal (30). The switch (10) has a cylindrical casing (12) closed off at one end by the support block which has an annular sleeve (32) that centres it in the casing and a housing recess (55) for the return spring. The spring may make an alternative connection between the moving contact and the supply by butting against a metallic disc in the housing recess that has a shouldered extension to the supply terminal.

IPC 1-7

H01H 51/06

IPC 8 full level

F02N 15/00 (2006.01); **F02N 15/06** (2006.01); **H01H 51/06** (2006.01)

CPC (source: EP US)

F02N 11/087 (2013.01 - EP); **F02N 15/003** (2013.01 - EP US); **F02N 15/067** (2013.01 - EP US); **H01H 51/065** (2013.01 - EP US)

Cited by

FR2908160A1; FR2918126A1; FR2926334A1; WO2008056075A3

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0749144 A1 19961218; EP 0749144 B1 20011128; DE 69617321 D1 20020110; DE 69617321 T2 20020516; FR 2735186 A1 19961213; FR 2735186 B1 19970718; US 5757256 A 19980526

DOCDB simple family (application)

EP 96401250 A 19960611; DE 69617321 T 19960611; FR 9507046 A 19950612; US 66172196 A 19960611