

Title (en)  
CONTROL DEVICE

Title (de)  
STEUEREINRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE

Publication  
**EP 1281189 A1 20030205 (DE)**

Application  
**EP 01942967 A 20010425**

Priority

- DE 0101567 W 20010425
- DE 10022343 A 20000508

Abstract (en)  
[origin: WO0186681A1] The invention relates to a control device for a commercially available switchgear (2) and an electronic power module (3). The aim of the invention is to improve the compactness of such a device so that it can be used in a switchgear cabinet. To this end, the power module (3) is placed onto the switchgear (2) on the side facing away from its bottom wall (5) and the dimensions of the power module (3) are adapted to the base contour of the switchgear (2) so that the peripheral contour of the power module extends beyond the base contour only slightly, if at all, and at least the width b of the contactor does not extend beyond it.

IPC 1-7  
**H01H 50/02**; **H01H 9/54**

IPC 8 full level  
**H01H 9/54** (2006.01); **H01H 50/02** (2006.01); **H01H 50/04** (2006.01)

CPC (source: EP US)  
**H01H 50/021** (2013.01 - EP US); **H01H 9/542** (2013.01 - EP US); **H01H 50/045** (2013.01 - EP US)

Citation (search report)  
See references of WO 0186681A1

Cited by  
DE102006057814A1; EP4435828A1; DE102009014944A1; DE102009014944B4; US8553374B2; WO2024193921A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**WO 0186681 A1 20011115**; BR 0110631 A 20030318; BR PI0110631 B1 20160503; CA 2408286 A1 20021106; CA 2408286 C 20090106; DE 50102680 D1 20040729; EP 1281189 A1 20030205; EP 1281189 B1 20040623; US 2004109293 A1 20040610; US 6856503 B2 20050215

DOCDB simple family (application)  
**DE 0101567 W 20010425**; BR 0110631 A 20010425; CA 2408286 A 20010425; DE 50102680 T 20010425; EP 01942967 A 20010425; US 27573002 A 20021108