

Title (en)

ELECTROMAGNETIC SWITCHING DEVICE

Title (de)

ELEKTROMAGNETISCHES SCHALTGERÄT

Title (fr)

APPAREIL DE DISTRIBUTION ELECTROMAGNETIQUE

Publication

EP 1547112 B1 20070620 (DE)

Application

EP 03798858 A 20030827

Priority

- DE 0302577 W 20030827
- DE 20220482 U 20021002

Abstract (en)

[origin: WO2004032170A1] An electromagnetic switching device (1) comprises an electromagnetic drive device (2) and at least one electrical contact (5) that, when a starting current (I) is applied to the drive device (2), can be transferred by the drive device from a disconnect position (contact (5) opened) into a bridging position (contact (5) closed). When the switching device is fully installed, the contact (5) can be blocked in the disconnect position and can be mechanically blocked in the disconnect position by an arresting element (11) that can be connected to the switching device. As a result, the contact (5) remains in the disconnect position even when the starting current (I) is applied to the drive device (2).

IPC 8 full level

H01H 50/32 (2006.01); **H01H 9/28** (2006.01)

CPC (source: EP US)

H01H 50/326 (2013.01 - EP US); **H01H 9/281** (2013.01 - EP US); **H01H 2050/328** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

WO 2004032170 A1 20040415; CN 100342470 C 20071010; CN 1701404 A 20051123; DE 50307529 D1 20070802; EP 1547112 A1 20050629; EP 1547112 B1 20070620; HK 1081723 A1 20060519; JP 2006501613 A 20060112; JP 4315906 B2 20090819; US 2007139144 A1 20070621; US 7432789 B2 20081007

DOCDB simple family (application)

DE 0302577 W 20030827; CN 03825233 A 20030827; DE 50307529 T 20030827; EP 03798858 A 20030827; HK 06101993 A 20060216; JP 2004540466 A 20030827; US 52964203 A 20030827