

Title (en)

ELECTROMAGNETIC RELAY WITH A FUSE

Title (de)

ELEKTROMAGNETISCHES RELAIS MIT SCHMELZSICHERUNG

Title (fr)

RELAIS ELECTROMAGNETIQUE A FUSIBLE

Publication

**EP 1031162 A1 20000830 (DE)**

Application

**EP 98959746 A 19981021**

Priority

- DE 9803090 W 19981021
- DE 29720249 U 19971114

Abstract (en)

[origin: CA2310240A1] The relay comprises a construction having coils, yokes, anchors and contacts, whereby one of the contacts is connected to a connection element (7) via the yoke (8, 9) and a plug fuse. The yoke comprises a yoke section (9) which extends laterally on the relay up to the proximity of the base side. A spring clamp (15, 16) which laterally projects outward is respectively fastened to the yoke section (9) and to the connection element (7) belonging thereto. Both spring clamps (15, 16) are laterally short-circuited on the plug fuse (12) which is mounted on the relay.

IPC 1-7

**H01H 50/14**; **H01H 9/10**

IPC 8 full level

**H01H 50/04** (2006.01); **H01H 9/10** (2006.01); **H01H 50/14** (2006.01); **H01H 50/26** (2006.01); **H01H 50/56** (2006.01); **H01H 85/00** (2006.01); **H01H 85/02** (2006.01); **H01H 85/147** (2006.01); **H01H 85/153** (2006.01); **H01H 85/22** (2006.01); **H01H 89/00** (2006.01); **H01H 50/02** (2006.01)

CPC (source: EP KR US)

**H01H 9/10** (2013.01 - EP US); **H01H 50/14** (2013.01 - KR); **H01H 50/02** (2013.01 - EP US); **H01H 50/14** (2013.01 - EP US)

Citation (search report)

See references of WO 9926265A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 29720249 U1 19980122**; CA 2310240 A1 19990527; DE 59805640 D1 20021024; EP 1031162 A1 20000830; EP 1031162 B1 20020918; JP 2001523882 A 20011127; KR 20010024635 A 20010326; US 6320486 B1 20011120; WO 9926265 A1 19990527

DOCDB simple family (application)

**DE 29720249 U 19971114**; CA 2310240 A 19981021; DE 59805640 T 19981021; DE 9803090 W 19981021; EP 98959746 A 19981021; JP 2000521535 A 19981021; KR 20007005281 A 20000515; US 55430200 A 20000511