

Title (en)
ELECTROMECHANICAL CONTACTOR

Title (de)
ELEKTROMAGNETISCHER SCHÜTZ

Title (fr)
CONTACTEUR ELECTROMECANIQUE

Publication
EP 1053554 A1 20001122 (FR)

Application
EP 99973347 A 19991202

Priority
• FR 9902986 W 19991202
• FR 9815382 A 19981204

Abstract (en)
[origin: WO0034970A1] The invention concerns an electromechanical contactor in an electromagnet and a mobile contact-carrier wherein the power terminals (A) are arranged in housings (53) of a power terminal strip (50) which forms, with the base plate (30) housing the electromagnet coil and armature, the contactor body (10). The power terminal strip (50) has inter-terminal partitions (51) which depend on the type of the power terminals and which co-operate with the corresponding forms (42) of an arc box (40) inside the body, said forms being independent of the type of the power terminals.

IPC 1-7
H01H 50/14; H01H 50/04

IPC 8 full level
H01H 50/02 (2006.01); **H01H 45/14** (2006.01); **H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 9/02** (2006.01); **H01H 9/34** (2006.01);
H01H 11/00 (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP KR)
H01H 50/045 (2013.01 - EP); **H01H 50/14** (2013.01 - EP KR); **H01H 9/0264** (2013.01 - EP); **H01H 9/342** (2013.01 - EP);
H01H 11/0031 (2013.01 - EP); **H01H 50/545** (2013.01 - EP); **H01H 50/546** (2013.01 - EP)

Citation (search report)
See references of WO 0034970A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0034970 A1 20000615; AR 021543 A1 20020724; AT E327566 T1 20060615; AU 1393500 A 20000626; AU 756625 B2 20030116;
BR 9909321 A 20001205; BR 9909321 B1 20130514; CN 1174452 C 20041103; CN 1291341 A 20010411; DE 69931468 D1 20060629;
DE 69931468 T2 20061116; EP 1053554 A1 20001122; EP 1053554 B1 20060524; ES 2263299 T3 20061201; FR 2786922 A1 20000609;
FR 2786922 B1 20010105; JP 2002532825 A 20021002; JP 2010045044 A 20100225; JP 4808805 B2 20111102; KR 100384341 B1 20030516;
KR 20010040619 A 20010515; PT 1053554 E 20060929; RU 2232443 C2 20040710; TR 200002280 T1 20001221; TW 495781 B 20020721

DOCDB simple family (application)
FR 9902986 W 19991202; AR P990106178 A 19991203; AT 99973347 T 19991202; AU 1393500 A 19991202; BR 9909321 A 19991202;
CN 99803201 A 19991202; DE 69931468 T 19991202; EP 99973347 A 19991202; ES 99973347 T 19991202; FR 9815382 A 19981204;
JP 2000587346 A 19991202; JP 2009239727 A 20091016; KR 20007008490 A 20000803; PT 99973347 T 19991202;
RU 2000122904 A 19991202; TR 200002280 T 19991202; TW 88121245 A 19991204