

Title (en)
SWITCHING DEVICE FOR CONNECTING AND DISCONNECTING OR CONNECTING TRACK SECTIONS TO THE GROUND IN CATENARY SYSTEMS

Title (de)
SCHALTVORRICHTUNG ZUM ZU- UND ABSCHALTEN ODER ERDEN VON STRECKENABSCHNITTEN BEI FAHRLEITUNGSANLAGEN

Title (fr)
DISPOSITIF DE COMMUTATION POUR CONNECTER ET DECONNECTER OU RELIER A LA TERRE DES TRONCONS DE LIGNES DANS DES SYSTEMES DE CATENAIRES

Publication
EP 1105894 A1 20010613 (DE)

Application
EP 99952352 A 19990810

Priority

- DE 9902497 W 19990810
- DE 19837869 A 19980820

Abstract (en)
[origin: WO0011690A1] A switching device for connecting and disconnecting or connecting track sections to the ground in catenary systems, comprising at least one rod insulator (2, 11) fixed to a base (1) and a corresponding second rod insulator (3, 12) that is pivotally mounted on said base, in addition to a set of switching contacts (4) arranged on the free end of the rod insulators and consisting of contact blades (15) and contact springs (16). The set of switching contacts (4) is comprised of a combination of paired, rotationally symmetrical contact blades (15) and contact springs (16).

IPC 1-7
H01H 1/38

IPC 8 full level
H01H 1/38 (2006.01); **H01H 1/42** (2006.01); **H01H 31/02** (2006.01); **H01H 31/28** (2006.01)

CPC (source: EP)
H01H 1/42 (2013.01); **H01H 31/026** (2013.01); **H01H 31/28** (2013.01)

Citation (search report)
See references of WO 0011690A1

Cited by
EP2849192A1; DE102013218169A1; DE102013217925A1; WO2015032805A1

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 0011690 A1 20000302; AT E216530 T1 20020515; DE 19837869 C1 20000511; DE 59901274 D1 20020523; EP 1105894 A1 20010613; EP 1105894 B1 20020417; ES 2176031 T3 20021116; NO 20010869 D0 20010220; NO 20010869 L 20010220; NO 319121 B1 20050620

DOCDB simple family (application)
DE 9902497 W 19990810; AT 99952352 T 19990810; DE 19837869 A 19980820; DE 59901274 T 19990810; EP 99952352 A 19990810; ES 99952352 T 19990810; NO 20010869 A 20010220