

Title (en)
IMPROVED ELECTRICAL SWITCH

Publication
EP 0323057 A3 19900725 (EN)

Application
EP 88311597 A 19881207

Priority
US 13801087 A 19871224

Abstract (en)
[origin: EP0323057A2] An improved electrical switch providing a low electrical-resistance connection and a simple, inherent wiping action of the contact surfaces. The improved electrical switch includes a pair of electrical contacts, an insulating board disposed between the electrical contacts, and a switch mechanism. The insulating board has a wadded-wire connector element disposed in an opening in the insulating board at a position corresponding to the electrical contacts. The wadded-wire connector element makes electrical contact at multiple points when compressed against a contact surface by the switch mechanism, thus wiping the contact surfaces free of any film or surface contamination and providing a low electrical-resistance connection.

IPC 1-7
H01H 1/06; **H01H 13/10**; **H01H 50/54**

IPC 8 full level
H01H 13/10 (2006.01); **H01H 1/06** (2006.01); **H01H 1/60** (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP)
H01H 1/06 (2013.01); **H01H 1/60** (2013.01)

Citation (search report)
• [XP] FR 2615320 A1 19881118 - SCHOELLER & CO ELEKTROTECH [DE]
• [X] US 4044322 A 19770823 - BROWN SAMUEL J, et al
• [A] FR 1572902 A 19690627
• [Y] US 3613036 A 19711012 - KURTZ JOHN O
• [Y] DE 2310906 A1 19730913 - ESSEX INTERNATIONAL INC
• [A] US 3879586 A 19750422 - DUROCHER GIDEON A, et al

Cited by
FR2714565A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0323057 A2 19890705; **EP 0323057 A3 19900725**; JP H01281619 A 19891113

DOCDB simple family (application)
EP 88311597 A 19881207; JP 32573288 A 19881223