

Title (en)
ISOLATING SWITCH

Publication
EP 0070248 B1 19860416 (DE)

Application
EP 82730078 A 19820611

Priority
DE 3127960 A 19810710

Abstract (en)
[origin: US4539450A] A disconnect switch has a fixed tubular contact, an associated fixed auxiliary contact connected thereto, and a movable tubular contact which is guided in a stationary outer housing. The movable tubular contact contains a movable auxiliary contact. Both movable contacts are separately movable into connection with the fixed contacts. To enable the switch to be used for higher voltages while achieving short pre-breakdown times and using a drive which operates at normal speed, the movable auxiliary contact is at first latched against movement, compressing a spring. The movable auxiliary contact is then released to actuate the switch. To this end, each end of the movable auxiliary contact is provided with a catch which can be engaged by a cooperating pawl located at either end of the travel of the auxiliary contact. A control member is longitudinally movable on the movable auxiliary contact. A spring is mounted between the control member and each of the catches. The control member is coupled to the movable tubular contact via a reduction drive.

IPC 1-7
H01H 31/32; **H01H 33/12**

IPC 8 full level
H01H 31/32 (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)
H01H 31/32 (2013.01 - EP US); **H01H 33/121** (2013.01 - EP US)

Cited by
US4568808A; FR2547107A1; FR2737601A1; EP0348645A3; EP0467797A1; FR2665019A1; US5186315A; WO8404424A1

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