

Title (en)

Switch arrangement for three-phase electrical supply.

Title (de)

Schalteranordnung für ein dreiphasiges Elektrizitätsnetz.

Title (fr)

Interrupteur pour réseau électrique triphasé.

Publication

**EP 0008513 A1 19800305 (EN)**

Application

**EP 79301601 A 19790807**

Priority

- GB 7833812 A 19780818
- GB 7914376 A 19790425

Abstract (en)

A switch arrangement for making and breaking a three-phase electrical supply comprises an enclosure (1a, 2) wherein are situated three spaced fixed input terminals (11, 12, 13) and output terminals (23, 24, 25) one for each phase. An elongated switch device (28) extends through the enclosure (1a, 2) and is mounted for rotation therein. The device (28) has a housing (31) with three spaced switching input (36, 37, 38) and output terminals (40, 41, 42) switching means (55, 56, 57) are axially movable within the housing (31) to make or to break simultaneously electrical connections between the input and output contacts of each phase. The switch device (28) is rotatable between a first angular position wherein the fixed (11, 12, 13) and switching input terminals (36, 37, 38) and also the fixed (23, 24, 25) and switching output terminals (40, 41, 42) are in electrical contact and a second angular position, wherein the fixed (11, 12, 13) and switching input terminals (36, 37, 38) or the fixed (23, 24, 25) and switching output terminals (40, 41, 42) or both are out of electrical contact. The second position may be an isolated or earth position. An interlocking device (81, 86) prevents rotation of the switch device (28) unless the switching means (55, 56, 57) are in a position where the connections between the input and output are broken.

IPC 1-7

**H02B 13/00**; **H01H 33/12**; **H01H 33/14**

IPC 8 full level

**H01H 9/08** (2006.01); **H01H 33/02** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP)

**H01H 9/08** (2013.01); **H01H 33/022** (2013.01); **H01H 33/122** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0008513 A1 19800305**; AU 4986479 A 19800221

DOCDB simple family (application)

**EP 79301601 A 19790807**; AU 4986479 A 19790813