

Title (en)

A DISCONNECTOR ASSEMBLY OF A SWITCHGEAR

Title (de)

TRENNSCHALTERANORDNUNG EINER SCHALTANLAGE

Title (fr)

ENSEMBLE SECTIONNEUR D'UN APPAREILLAGE DE COMMUTATION

Publication

**EP 4283651 A1 20231129 (EN)**

Application

**EP 23175770 A 20230526**

Priority

IN 202241030276 A 20220526

Abstract (en)

Present disclosure discloses a disconnector assembly of a switchgear. The disconnector includes a first link pivotally coupled to a body of a circuit breaker of the switchgear. The first link includes a first end rotatably coupled to a shaft of the circuit breaker, and a second end movably disposed in a slot defined in the body. Further, the disconnector assembly includes a cam movably connected to the second end of the first link and configured to displace relative to displacement of the second end, and an actuator pin disposed on a platform and configured to displace linearly relative to displacement of the cam. Additionally, the disconnector assembly includes a second link pivotally coupled to the actuator pin and configured to pivot between a first operating position and a second operating position relative to the linear displacement of the actuator pin for selective operation of the disconnector assembly.

IPC 8 full level

**H01H 71/10** (2006.01); **H01H 33/48** (2006.01)

CPC (source: CN EP)

**H01H 9/20** (2013.01 - CN); **H01H 33/48** (2013.01 - EP); **H01H 71/1009** (2013.01 - EP); **H01H 71/1054** (2013.01 - CN); **H01H 71/1054** (2013.01 - EP)

Citation (search report)

- [A] US 2013187732 A1 20130725 - BULLOCK SCOTT A [US], et al
- [A] GB 2175448 A 19861126 - ASS ELECT IND
- [A] US 2001022262 A1 20010920 - RANE MAHESH JAYWANT [IN], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4283651 A1 20231129**; CN 117133604 A 20231128

DOCDB simple family (application)

**EP 23175770 A 20230526**; CN 202310598345 A 20230525