

Title (en)  
Drive mechanism for a switching device

Title (de)  
Antriebsmechanismus für eine Schaltvorrichtung

Title (fr)  
Mécanisme d'entraînement pour un dispositif de commutation

Publication  
**EP 2814049 A1 20141217 (EN)**

Application  
**EP 13171532 A 20130611**

Priority  
EP 13171532 A 20130611

Abstract (en)  
A drive mechanism (10) for a switching device (50), a switching device (50) comprising the drive mechanism (10), a use of the drive mechanism (10) for operating a switching device (50), a method for operating the drive mechanism (10) for a switching device (50) and a method for operating a switching device (50) by operating the drive mechanism (10) are described. The drive mechanism (10) comprises an arcing chamber (11) having a first end and a second end, wherein a first arcing element (12) and a second arcing element (13) are arranged in the arcing chamber (11). The first arcing element (12) is movable along a longitudinal axis (30) of the arcing chamber (11). The first arcing element (12) and the second arcing element (13) have mutually opposing surfaces configured for carrying an arc therebetween, the arc causing the first arcing element (12) to move along the longitudinal axis (30) away from the second arcing element (13) and towards the first end of the arcing chamber (11).

IPC 8 full level  
**H01H 33/94** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)  
**H01H 33/94** (2013.01); **H01H 71/10** (2013.01); **H01H 33/95** (2013.01)

Citation (search report)  
• [X] DE 2358368 A1 19750515 - BBC BROWN BOVERI & CIE  
• [X] EP 0025918 A1 19810401 - SIEMENS AG [DE]  
• [X] CH 566640 A5 19750915 - BBC BROWN BOVERI & CIE

Cited by  
CN114336508A

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2814049 A1 20141217**

DOCDB simple family (application)  
**EP 13171532 A 20130611**